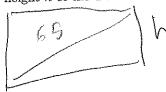
Name:

Colin Gallivan

Section Time:

5862735

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



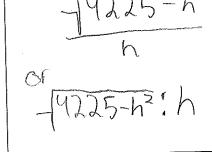
$$45pec/ 10020$$

$$65^{2} = h^{2} + w^{2}$$

$$44225 - h^{2} = 100^{3}$$

$$W = 44225 - h^{2}$$

Aspect Ratio =



2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$0: 0^{2} - 1 = 0 - 1 = -1$$
 $1: 1^{2} - 1 = 1 - 1 = 0$
 $1: 1^{2} - 1 = 1 - 1 = 3$
 $3: 3^{2} - 1 = 9 - 1 = 8$
 $4: 4^{2} - 1 = 16 - 1 = 15$

10385

$$\sum_{n=0}^{4} f(n) = \boxed{\qquad \qquad} 5$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$(2+1)(2+1)^{2} - (2+1) + 2 = 4$$

$$(2+1)(2+1)^{2} - (2+1) + 2 = 4$$

$$(2+1)(2+1)^{2} - (2+1) + 2 = 4$$

$$(2+1)(2+1)^{2} - (2+1) + 2 = 4$$

$$(2+1)(2+1)^{2} - (2+1) + 2 = 4$$

$$(2+1)(2+1)^{2} - (2+1) + 2 = 4$$

$$(2+1)(2+1)^{2} - (2+1) + 2$$

$$(2+1)(2+1)^{2} - (2+1) + 2$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+1)(2+1)^{2} - (2+1)^{2}$$

$$(2+$$

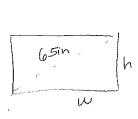
goes from 4-14+3h+42 50 it increases by 3h+42

Name: Vivian de Waart

Section Time:

5177530

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$65^{2} = W + h^{2}$$

$$\int w^{2} = \sqrt{4225 - h^{2}}$$

$$W = \sqrt{4225 - h^{2}}$$

Aspect Ratio =
$$\sqrt{4225 - h^2}$$

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} n^{2} - 1 \qquad (0 - 1) + (1^{2} - 1) + (2^{2} - 1) + (3^{2} - 1) + (11^{2} - 1)$$

$$-1 + 0 + 3 + 8 + 15$$

$$10 + 15 = 25$$

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$(2+h)^{2} - 2+h + 2$$

 $(2+h)(2+h)$
 $4 + 4h + h^{2} - (2+h) + 2$
 $14! + 3h + h^{2}$

Section Time: 5000176

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

h 65°=h³+w³

 ${\bf Aspect\ Ratio} =$

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) =$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be interms of h.

Quiz 7.

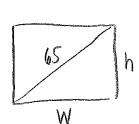
Name:

Samantha Stevens

Section Time:

5113980

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$h^2 + w^2 = 65^2$$

 $w = \sqrt{9725 - h^2}$

Aspect Ratio =

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$(0)^{2}-1=-1$$

$$(1)^{2}-1=0$$

$$(2)^{2}-1=4-1=3$$

$$(3)^2 - 1 = 9 - 1 = 8$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2+h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$(2+h)^{2} - (2+h) + 2$$

$$(2+h)^{2} = (2+h)(2+h)$$

$$4 + 2h + 2h + h^{2}$$

$$4 - 2 + 2 + 2 + 2$$

$$h^{2} + 4h + 4 - 2 - h + 2$$

$$h^{2} + 3h + 4$$

$$(2)^{2}-(2)+2=4-2+2$$

$$h^{2}+3h+4-(4)=h^{2}+3h$$

$$h(3+h)$$

Name: Maximilian Blain Section Time: 4984 886

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



652 = n2 + h2 4225 = w 2+ b 2 4225=42=42

h= 1/225-w

Aspect Ratio =

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \boxed{ }$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be interms of h.

$$2 + 2 + 4$$

$$2^{2} - 2 + 2 = 4$$

$$2 + 2 + 2$$

$$(2th)^2 - 2th + 2$$

(2+h) (2+h)

ht2h+2h+h

Foureset by

perm: 0144893

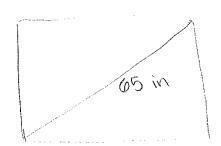
Name:

Mariah Ford

Section Time:

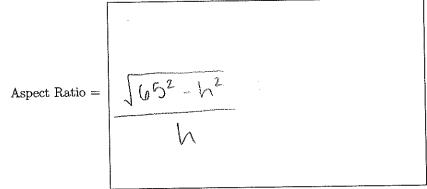
6 pm Tuesday

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



aspect ratio = w:h

$$65^2 = w^2 + h^2$$
 $\sqrt{65^2 - h^2} = \sqrt{w^2}$
 $\sqrt{= \sqrt{65^2 - h^2}}$



2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$(0^2-1) + (1^2-1) + (2^2-1) + (3^2-1) + (4^2-1)$$
-1 0 3 8 15

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$2^{2}-2+2=4$$

$$(2+h)^{2}-(2+h)+2$$

$$(2+h)(2+h)$$

$$4+4h+h^{2}-2-h+2$$

$$4+(3h+h^{2})-4$$

Name:

Rebekka Kabel

Section Time: 5084769

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$w^2 + h^2 = 66^2$$

$$\int_{0}^{\infty} w^{2} + h^{2} = 4225$$

$$w^{2} = 4225 - h^{2}$$

$$w^2 = 4725 - h^2$$

Aspect Ratio =

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

(6²-1) + (1²-1) + (2²-1) + (3²-1) + (4²-1)

(-1) + (6) + (3) + (8) + (15)

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$X = 2 + h$$
: $(2 + h)^2 - (2 + h) + 2$

$$(h^2 + 3h^2 + 4) - (4)$$

$$\begin{array}{c|c}
2 & h \\
4 & 2h \\
h & 2h & h^2
\end{array}$$

479466-5

Name:

Kellen Beckett

Section Time: 6:00 Pin

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

h Com

$$w^2 + h^2 = 65^2$$
 $w = \sqrt{65^2 - h^2}$
 $\sqrt{4275 - h^2}$

Aspect Ratio =

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\frac{4}{\sum_{n=0}^{2} (3^{2}-1)(3^{2}-1)+(2^{2}-1)+(3^{2}-1)+(4^{2}-1)} = \frac{1}{25}$$

$$\sum_{n=0}^{4} f(n) = \boxed{ \qquad \qquad \boxed{ \qquad \qquad } \boxed{ \qquad \qquad } \boxed{ \qquad \qquad } \boxed{ \qquad }$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be increased h.

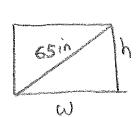
\sim		٠,
(\cdot)	11Z	(

Jessica Amezcua

Section Time:

5741381

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



w Tain

w= 65°-h W= 1652-12

Aspect Ratio = $\omega = \sqrt{4225 - h^2}$; h

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$. 02-1+12-1+22-1+32-1 -1+0+3+8 +1S 10 115

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$S_{-}(2) = 2^{2} - 2 + 2$$

$$4 - 2 + 2 = 4$$

$$S(2h) = (2h)^{2} - (2h)^{2}$$

$$(2h)(2h)$$

$$4+2h+2h+h^{2}$$

$$2+4h+h^{2}+h+2$$

$$2+4h+h^{2}+h+2$$

$$5h+h^{2}$$

$$5h+h^{2}$$

Name:

Sydney Bivins

Section Time: Tues. 6-7pm

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$W^{2}+h^{2}=65^{2}$$

$$W^{2}+h^{2}=4225$$

$$W=\sqrt{4225-h^{2}}$$

Aspect Ratio =
$$\frac{\sqrt{4225 - h^2}}{h}$$

$$\sum_{n=0}^{4} n^2 - 1$$

$$0. \quad 0^2 - 1 = -1$$

3.
$$3^2 - 1 = 8$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

2:
$$2^{2}-2+2$$

 $4-2+2=4$
2+h: $(2+h)(2+h)-(2+h)+2$
 $4+2h+2h+h+h^{2}-h+2$
 $h^{2}+3h+4$

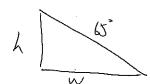
$$\frac{(2+h)^{2}}{h^{2}+3h+4} = \frac{h}{h^{2}+3h+4}$$

Name:

Sophia Pan 6463467

Section Time: 453457

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$W^{2} + h^{2} = 65^{2} - h^{2}$$

$$W^{2} = 65^{2} - h^{2}$$

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.
$$\left[(0)^2 - 1 \right] + \left[(1)^2 - 1 \right] + \left[(2)^2 - 1 \right] + \left[(3)^2 - 1 \right] + \left[(4)^2 - 1 \right]$$

$$= -(+0 + 3 + 8 + 15)$$

$$= 25$$

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to $2 \pm h$, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$(2+h)^{2}-(2+h)+1-(2^{2}-2+1)$$

= $A+4h+h^{2}-h-4$
= $3h+h^{2}$

$$(2+h)^{2}-(2+h)+2-(2^{2}-2+2)$$

= $4+4h+h^{2}-2-h+2-4$
= $3h+h^{2}$

Natasha Gamloff

Section Time:

6 6773113

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

w:h



 $65^{2} = h^{2} + w^{2} \times 65$ $-h^{2} + 65^{2} \times 3900$ $w = \sqrt{65^{2} - h^{2}} + 4225$ W= \4225-h2

14225 - h2: h

Aspect Ratio =

$$\sqrt{4225-h^2}$$
: h

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$0^{2}-1 \quad |^{2}-1 \quad |^{2$$

25

. 3): If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$2^{2} - x + 2 \qquad (2+h)^{2} - x + 2 \qquad 2 \frac{2}{4} \ln 2$$

$$2^{2} - 2 + 2 \qquad (2+h)^{2} - (2+h) + 2 \qquad h \ln 2$$

$$4 - 2 + 2 \qquad h^{2} + 4h + 4 - (2+h) + 2$$

$$4 \qquad h^{2} + 4h + 6 - (2+h)$$

$$h^2 + 4h + 6 - (2+h) - 4$$

 $h^2 + 4h + 2 - (2+h)$

$$h^2 + 4h + 2 - (2 + h)$$

Name:

Toha Hossain

Section Time: 6 - (2:50)

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



1 GSin = h2 + W2 h 4225 = h2 + W w . 14226 - h2

Aspect Ratio =

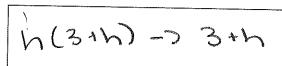
2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{\infty} f(n)$.

$$\sum_{n=0}^{4} f(n) = \begin{cases} (0^{2}-1) + (1^{2}-1) + (2^{2}-1) + (3^{2}-1) + (4^{2}-1) + (2^{2}-1) + (3^{2}-$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$(2+h)^2-(2+h)+2$$

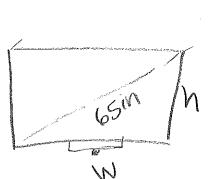
 $4+4h+h^2=2-h+2$



Name:

DVCCCZ Specifical CO6536

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



 $65^{2} = h^{2} + w^{2} \times 65$ $4,225 = h^{2} + w^{2} \frac{325}{325}$

Aspect Ratio =

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \begin{bmatrix} -1 + \emptyset + 3 + 8 = 10 \end{bmatrix}$$

3) If x is increased from 2 to 2+h, how much does $x^2 - x + 2$ increase? Your final answer should be in . . .

2²-2+2 4-2 1/2+2=4

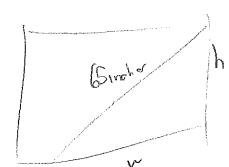
 $(2+h)^2-(2+h)+2$ $(4+h^2)-(2+h)+2$

4+h3-h -4 -4 -4 $2+h^2-h+2$ $4+h^2-h$

Section Time:

Rim#	
5900	357

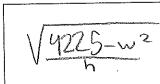
1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width, Express the aspect ratio in terms of the height h of the TV in inches.



 $6^{2} + b^{2} = 6^{2}$ 465 $h^{2} + 4v^{2} = 4225 - w^{2}$ 43900 4225 $4225 - w^{2}$

h=1/4225-w2

Aspect Ratio =



2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{\infty} f(n)$.

$$\frac{4}{5}(n^2-0)$$
 $\frac{4}{5}(n^2-1)$

$$\sum_{n=0}^{4} f(n) = \int_{0}^{4} \int_{0}^{2} f(n) dn = \int_{0}^{4} \int_{0}^{2} f(n) dn = \int_{0}^{4} \int_{0}^{4} f(n) dn = \int_{0}^{4} f(n)$$

3). If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in ... terms of h. Pemden

22-2+2
4-2+2
4-4-6

(2+h) - 2+h - 2 4+h-/2

Name:

Alvaro Marquez

Section Time:

659 6500

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

1 6 M

Nil

W2-652-12 C12-54225-16

W=5425-A

\$ 65 \\
65 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \\
85 \

Aspect Ratio =

11. 14225 - n2

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{\infty} f(n)$. $\begin{cases} f(n) = 1 & \text{if } n = 1 \\ f(n) = 1 & \text{$

$$\sum_{n=0}^{4} f(n) = \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix}, \quad \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

X increases 2 m2+h

. 9-232

(2+11) =-2+1 +2

Y-2 12 Y-2 12 212:4

h2+24+4-2+4+2

12+3h+6.4 12+3h+2

M+3/2

Name:

Andam pour

Section Time: 6120505

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

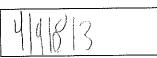
$$\begin{array}{c|c}
0^{2} & 1 & -1 \\
1 & 1 & -1 \\
4 & -2^{2} & -1 & -3 \\
4 & -3^{2} & -1 & -3 \\
6 & -1^{2} & -1 & -15
\end{array}$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$2^{2}-2+2$$
 $4-24=4$

Section Time:



1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



~ + 42 5 4225

 $V^2 = 4125 - h^2$ Aspect Ratio =

4225 - h2 + h2= 4225

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.
 $1 + 0 + 3 + 8 + 15 = 25$

$$\sum_{n=0}^{4} f(n) =$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

Name:

Taylor Iden

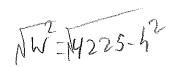
Section Time: 5709415

5:00pm To.

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms W- N=3-12 of the height h of the TV in inches.

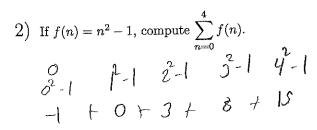
65%







W=65-6



(65-4)(65-4) 4225-634-654462

(65 At h 65



 $\sum_{n=0}^{\infty} f(n) =$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

2->2+h

 $\frac{2^{2}-2+2}{4}$ $\frac{4}{4}$ $\frac{1}{4}$ $\frac{(2+1)(2+1)}{4+24+26+6}$ $\frac{1}{4}$ $\frac{1}{4}$

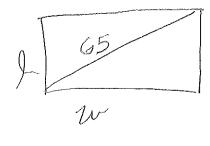
Name:

Elika Zahedi

Section Time:

3947280

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



J6542

Aspect Ratio =
$$\sqrt{65 + \ln^2}$$
: \ln

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$0^{2} + 1^{2} + 2^{2} + 3^{2} + 4^{4} - 1$$
 $-1 + 0 + 3 + 8 + 15$
 $= 25$

$$\sum_{n=0}^{4} f(n) = \boxed{2.5}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$2^{2}-2+2$$
 $2+h^{2}-2+h+2$
 $4-2+2$ $(2+h)(2+h)-2+h+2$
 $4+2h+4h+2-2+h$
 $6+2h+4h^{2}-2+h$
 $6+3h+2+h$
 $8+h^{2}+3h$

$\mathrm{Quiz}\ 7$

Name:

Aidan Afrasiali

Section Time:

5221869

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

4 65

w:h

m37/2= 625

W= 1652- h2

Aspect Ratio =

J652-h2; h

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

E N2-1

$$(0^{2}-1)+(1^{2}-1)+(2^{2}-1)+(3^{2}-1)+(4^{2}-1)$$

$$\sum_{n=0}^{4} f(n) = \boxed{\qquad \qquad }$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

Quiz_7

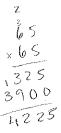
Name:

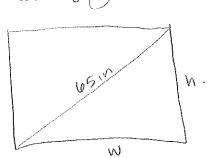
Zoe Albornoz

Section Time: 6497796

W/N

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.





$$h^{2} + w^{2} = 65^{2}$$
 $w^{2} = 65^{2} - h^{2}$
 $w = \sqrt{65^{2} - h^{2}}$
 $w = \sqrt{4225 - h^{2}}$
 $h = \sqrt{4225 - h^{2}}$

Aspect Ratio =
$$\sqrt{4225 - h^2}$$

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$(0^2 - 1) + (1^2 - 1) + (2^2 - 1) + (3^2 - 1) + (4^2 - 1)$$

$$-1 + 0 + 3 + 8 + 15$$

$$25$$

$$\sum_{n=0}^{4} f(n) = \begin{bmatrix} 2 & 5 \end{bmatrix}$$

3) If x is increased from 2 to 2+h, how much does $x^2 = x+2$ increase? Your final answer should be in terms of h.

$$(x=2): (2)^{2}-(2)+2 \rightarrow 4-2+2-(4)$$

$$(x=2+h): (2+h)^{2}-(2+h)+2$$

$$\rightarrow 4+4h+h^{2}-2(-h+2)$$

$$\rightarrow h^{2}+3h+4$$

\sim	•	~
1 11	11Z	1
\sim	112	-

Name:

Zocy. farmine moody

Perm #

Section Time:

45-6413-4

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$a^2 + b^2 = C^2$$

AR: w/h

find w in terms / w

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} n^{2} - 1 = (0^{2} - 1) \cdot (1^{2} - 1) \cdot (2^{2} - 1) \cdot (3^{2} \cdot 1) \cdot (4^{2} - 1)$$

$$-1 \cdot 9 \cdot 75 = 10 \cdot 15$$

$$\sum_{n=0}^{4} f(n) = \boxed{\qquad \qquad 25.}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in

Name:

In Hung

Section Time: 3926409

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches. aspect rates: The



$$65^{2} h^{2} = w^{2}$$

$$W = \sqrt{65^{2} - h^{2}}$$

Aspect Ratio =
$$h$$

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\frac{4}{\sum_{n=0}^{4}} = (3^{2} - 1) + (7^{2} - 1) + (2^{2} - 1) + (3^{2} - 1) + (4^{2} - 1)$$

$$= (0 - 1) + (1 - 1) + (4 - 1) + (4 - 1) + (16 - 1)$$

$$(-1) + 0 + 3 + 8 + 15$$

$$-1 + 3 + 8 + 15$$

$$2 + 8 + 15$$

$$2 + 8 + 15$$

$$(0 + 15) = 25$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$Charge = \frac{f(2+h) - f(2)}{(2+h) - 2} = \frac{(2+h)^2 - (2+h) + 2 - (2)^2 - (2) + 2}{2+h - 2}$$

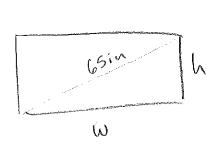
$$\frac{4+4h+h^2-12+h)+2-4-2+2}{h}$$

$$\frac{3h+h}{h}=\frac{h(3+h)}{h}=\frac{3+h}{3}$$

Name: Moson Montgo Merry 392956

Section Time: 302956

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$h^{2} + w^{2} = 65^{2}$$
 $h^{2} - 65^{2} = w^{2}$
 $\sqrt{(h^{2} - 65^{2})} = w$

Aspect Ratio =

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$(0^{2}-1)+(1^{2}-1)+(2^{2}-1)+(3^{2}-1)+(4^{2}-1)$$

-1 + 0 + 3 + 8 + 15

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be interms of h.

$$(2)^{2} - (2) + 2 = 4 \qquad (2+h)^{2} - (2+h) + 2$$

$$4 - 0 = 4 \qquad (2+h)(2+h) - (2+h) + 2$$

$$4 + 4h + h^{2} - 2 - h + 2$$

$$(h^{2} + 3h + 4) - 4$$

$$h^{2} + 3h$$

$$(h^2 + 3h + 4) - 4$$
 $h^2 + 3h$

Name:

CONNELL TRAINOR

Section Time:

6872899

6872899

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

Aspect Ratio =

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$(0^{2}-1)+(1^{2}-1)+(2^{2}-1)+(3^{2}-1)+(4^{2}-1)$$

-1 + 0 + $(4-1)+(9-1)+(16-1)$
-1 + 3 + 8 + 15

(-1) + (0) + (3)+ (8) + (15) 14 + 8 + 3 11+14 = 25

$$\sum_{n=0}^{4} f(n) =$$

25

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

(2)
$$x = 74h$$

 $(2+h)^2 - (2+h) + 7$
 $(2+h)(2+h) - 2 - h + 2$
 $4 + 4h + h^2 - h$
 $h^2 + 3h + 4$

$$2-0$$
 $h^{2}+3h+4-4$
 $=h^{2}+3h$

 $h^2 + 3h$

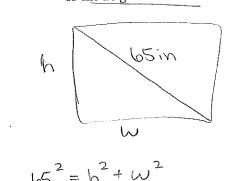
Name:

Victoria McNabb

Section Time:

5171038

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



_ \[\langle 68

Aspect Ratio =

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$2+h = (2+h)^{2} - (2+h) + 2$$

$$h^{2} + 4h + 4 - 2 + h + 2$$

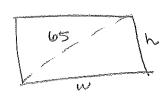
$$2+h = h^{2} + 3h + 4$$

$$(h^2 + 3h + 4) - 4 = h^2 + 3h$$

Name:

Harper Giordano Section Time: 5884150

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height hop the TV in inches.



$$65^2 = h^2 + W^2$$

$$W^2 = 65^2 - h^2$$

$$W = \sqrt{65^2 - h^2}$$

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$(0^{2}-1)+(0^{3}-1)+(4-1)+(9^{3}-1)+(10-1)$$

-1+0+3+8+15

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

(2+h)-2

 $((2+h)^2-(2+h)+2)-(2^2-2+2)$ (2+h)-2

 $\frac{\left(h^{2}+4h+4\right)-2-h+2}{h^{2}+3h}-4$

h+3

Name:

Rilly Clark

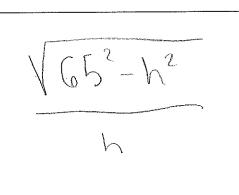
Section Time:

5155312

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect-ratio in terms of the height h of the TV in inches.



$$65^{2} = 10^{3} + h^{2}$$
 $W = \sqrt{65^{2} - h^{2}}$



2) If
$$f(n) = n^{2} - 1$$
, compute $\sum_{n=0}^{\infty} f(n)$.

$$\begin{pmatrix}
2 & 1 & 1 \\
0 & -1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 \\
1 & -1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 & 1
\end{pmatrix}
+ \begin{pmatrix}
2 & 1 & 1 & 1 &$$

$$\sum_{n=0}^{4} f(n) = \boxed{ } \boxed{ } \boxed{ } \boxed{ } \boxed{ }$$

3) If x is increased from 2 to $2 + h_i$ how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$\frac{(h+2)^2 - (h+2) + 2}{(h^2 + 3h + 4 + 2h - 2 + 2)} - (2^2 + 2 + 2)$$

$$\frac{h^2 + 3h + 4 + -4}{h^2 + 3h} + 4 - 4$$

$$\frac{h^2 + 3h}{h^2 + 3h}$$

$$(2+h)(2+h) - (2+h) + 2$$
 $(4+2h+h^2+h-1+2h)$
 h^2+3h

 $h^2 + 3h$

Name:



Section Time:

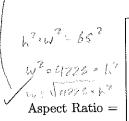
5295183

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

h 65

$$h^{2} + w^{2} = 65^{2}$$
 $h^{2} + w^{2} = 4225$
 $w^{2} = 4225 - h^{2}$
 $w = \sqrt{4225 - h^{2}}$

3 65 x65 325 q00 W.n.



14225-62 6 h

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\frac{(0^{7}-1)+(1^{2}-1)+(2^{7}-1)+(3^{7}-1)+(4^{7}-1)}{-1+(1-1)+(4-1)+(4-1)+(4-1)+(16-1)}$$

 3) If x is increased from 2 to 2+h, how much does x^2-x+p increase. Your final answer should be in

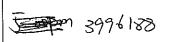
$$x^2 - x + 2 (2^7) - 2 + 2$$

9+3h+h3+4 = 3h+h3

Name:

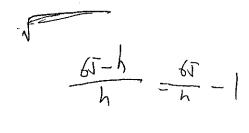
Yang 4 394100

Section Time:



1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$63^2 - h^2 = w^2$$



Aspect Ratio =
$$\frac{6\Gamma}{h}$$
 - 1

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

4

$$(2+h)^{2}-(2+h)+2$$

= $2^{2}+4h+h^{2}+2-h+2$
= $h^{2}+3h+4-4$

Name:

Anyi Zheo

Section Time:

x306070

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$\sqrt{W^{2}+h^{2}} = 65$$

 $W^{2}+h^{2} = 65^{2}-h^{2}$
 $W = \sqrt{65^{2}-h^{2}}$
 $W = \sqrt{65^{2}-h^{2}}$

$$\frac{W}{h} = \frac{\sqrt{6s'-h'}}{h}$$

$$= \frac{\sqrt{4ns-h'^2}}{h}$$

Aspect Ratio =

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to $2 \pm h$, how much does $x^2 - x + 2$ increase? Your final answer should be in.... terms of h.

Quiz 7.

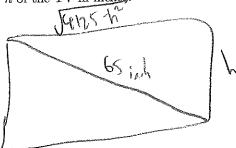
Name:

Christopher Balina

Section Time:

6085534

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



à + h = 65 - h

à - 65 - h

Ta2-14/25 - h²

34125 34125

J4125-L2: h

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$. $\begin{pmatrix} 2 \\ 0 \end{pmatrix} + \begin{pmatrix} 2 \\ -1 \end{pmatrix} + \begin{pmatrix} 2 \\ -1 \end{pmatrix} + \begin{pmatrix} 2 \\ -1 \end{pmatrix} + \begin{pmatrix} 3 \\ -1 \end{pmatrix} + \begin{pmatrix} 4 \\ -1 \end{pmatrix}$ $\begin{pmatrix} 4 \\ 3 \end{pmatrix} + \begin{pmatrix} 4 \\$

$$\sum_{n=0}^{4} f(n) = \boxed{}$$

3) If x is increased from 2 to 2+h, how much does x^2+x+2 increase? Your final answer should be in terms of h:

$$f(2) = 2^{2} - 2 + 2$$
 $f(2) = 4 - 2 - 12$
 $f(2) = 4$

$$\frac{(24h)(24h)}{f(24h)} = \frac{(24h)^{2} - (24h)}{24h} + 2$$

$$\frac{(24h)}{24h} = \frac{444h}{4} + \frac{42}{2} - h + 2$$

$$\frac{24h}{4} + \frac{4}{3}h$$

$$\frac{2}{5}h + \frac{2}{5}h - \frac{4}{5}h$$

Quiz 7.

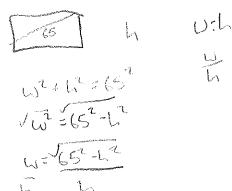
Name:

Bryen	Vinh	
-------	------	--

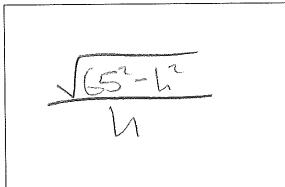
Section Time:

5	13	2	1.7	-
Sugar	1	Comme	£	#

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



Aspect Ratio =



$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to $2 \pm h$, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

424

114





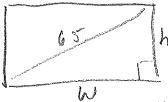


Name:

Brydsort

Section Time:

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$\int_{W^{2}}^{2} = \int_{0}^{2} \int_{0}^{2$$

W = 65-K

Aspect Ratio =



2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$0 + 4 - 1 + 9 - 1 + 16 - 1$$

$$-1 + 4 - 1 + 9 - 1 + 16 - 1$$

3) If x is increased from 2 to $2 \pm h$, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$2^{2}-2+2 = 2$$

$$(2+4)^{2}-(2+4)+2$$

Name:

WCIA CARCAMO

Section Time:

6185995

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$W^2 = 65^2 h^2$$

Aspect Ratio =

$$\sqrt{65^2-h^2}$$

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{\infty} f(n)$.

$$\frac{4}{\sum_{n=0}^{\infty}}$$

$$= (0-1) + (1-1) + (4-1) + (4-1) + (10-1)$$

$$=(1)+(0)+(3)+(8)+(15)$$

$$\sum_{n=0}^{4} f(n) = \boxed{2.5}$$

4+71 12h+67

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be interms of h.

$$((2+h)^{2} - (2+h) + 2) - (2^{2} - 2 + 2)$$

$$((4+4h+h^{2}) - (2+h) + 2) - (4-2+2)$$

$$(4+4h+h^{2} - 2-h+2) - 4$$

$$4+4h+h^{2} - 1 - 4$$

$$4+4h+h^{2} - 1 - 4$$

$$3h+h^{2} = 3h+h^{2}$$

$$(2+h^2)-(2+h)+2-(4-2+2)$$

 $4+4h+h^2-x-h+2-4$
 $4h+h^2-h$
 $3h+h^2$

Quiz.7...

Name:

Justin Jose

Section Time:

5345780

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

21/2/25/ 2/12/25/ $65^2 = A^2 + b^2$ $\sqrt{65} =$

65 = B . h (/2)

J652-12

55 = 6.44

65²= b²·H²

Aspect Ratio = $\sqrt{65^2 h^2}$

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

0 1 2 3 4 -1 0 3 8 15 -1 + 11 + 15

1 + 26

 $\sum_{n=0}^{4} f(n) = \boxed{25}$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

2 h

2 -> 2+4

1212-212

(2+h)2-(Z+h)+2

h2+3h+4

Name:

NOGILE Magana

Section Time:

CO21804460

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

N3-1631-010

A LAI

 $a^{2} + b^{2} = c^{2}$ $a^{2} + b^{2} = 0$ $a^{2} = 0$

0:100-103

0-155 N. GS

Aspect Ratio =

1220 + 6:05 102 (4) - ([GB

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

0-1:-1 1²-1:0 2²-1:3 9 1²-1:5

 $\sum_{n=0}^{4} f(n) = -1 + 0 + 3 + 8 + 10$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$a^{2}-a+2$$
 $4-a+2-4$

(0+2)(0+2)

W212N12N74

W2+4M+4-2+N+2

SINER+ND+ZNUZ

M2+50N+4

M2+2M-M-M MC+2M

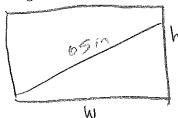
W2+VON

Name:

Isabella Agrusa

Section Time: 3962537

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$W^{2} \cdot h^{2} = \frac{65^{2}}{65^{2}}$$

$$W = \sqrt{\frac{65^{2}}{h^{2}}}$$

$$W = \sqrt{\frac{65^{2}}{h^{2}}}$$

2) If
$$f(n) = n^{2} - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$f(n) = n^{2} - 1$$

$$f(n) = (0^{2} - 1) + (1^{2} - 1) + (2^{2} - 1) + (3^{2} - 1) + (1^{2} - 1) = 1$$

$$-1 + 8 + 15 = 1$$

$$2 + 8 + 15 = 10 + 15 = 1$$

$$\sum_{n=0}^{4} f(n) = 25$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$X = 2 \rightarrow x^{2} - x + 2 \qquad x = 2 + h \rightarrow x^{2} - x + 2$$

$$2^{2} - 2 + 2 \qquad (2 + h)^{2} - (2 + h) + 2$$

$$4 - 2 + 2 \qquad (2 + h)(2 + h) - (2 + h) + 2$$

$$(2 + h)(2 + h) + 2$$

$$((2+h)^2-(2+h)+2)-4$$

, $\operatorname{Quiz}(7)$, which is a substitution of Ad

Name:

Fleurette Juda

Section Time:



1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$A = W \cdot h$$

$$W^2 + h^2 = 65^2$$

$$W = \sqrt{65^2 - h^2}$$

Aspect Ratio =
$$h$$

35

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$(10) = 0^{2} - 1 = -1$$

$$(13) = (2)^{2} \cdot 1 = 3$$

$$(13) = (2)^{2} \cdot 1 = 3$$

$$(13) = (4)^{2} \cdot 1 = 3$$

$$(13) = (4)^{2} \cdot 1 = 5$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$f(x) = 2 = 2^2 = 2 + 2 = -4$$

$$f(x_2) = 2 + h = (2 + h)(2 + h) - (2 + h) + 2$$

$$\frac{(3+3h+h^2)-4}{2h-2} = \frac{3h+h^2}{3} - 3+h$$



Name: Iliana De La Piva

Section Time

6591473

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$h = 32.5$$
 in

Aspect ratio = $\frac{W}{32.5}$ in.

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = n^{2} - 1 = (0^{2} - 1) + (1^{2} - 1) + (2^{2} - 1) + (3^{2} - 1) + (4^{2} - 1)$$

$$= (-1) + (0) + (3) + (8) + (15)$$

$$= 25$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

$$(2+h)^{2} - (2+h) + 2$$

$$(2+h)(2+h) - (2+h) + 2$$

$$4 + 2h - 4 + 2h + 2h + h^{2} - 2h + h^{2} + 2$$

$$h^{4} + 4h + 2\sqrt{2}$$

or

$$(2+h)^{2} - (2+h) + 2$$

$$(2+h)(2+h) - (2+h) + 2$$

$$2+h+2=0$$

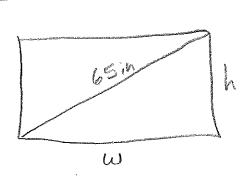
$$h+4=0$$

$$-4=4$$

Name:

Section Time: 8696767

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$65^{2} = w^{2} + h^{2}$$

$$65^{2} - h^{2} = w^{2}$$

$$\sqrt{65^{2} - h^{2}} = w$$

aspect vatio = 1/2

Aspect Ratio)=

2) If
$$f(n) = n^{2} - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{h=0}^{4} n^{2} - 1 = (0^{2} - 1) + (1^{2} - 1) + (2^{2} - 1) + (3^{2} - 1) + (4^{$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$x^{2} - x + 2$$

$$(2)^{2} - 2 + 2 = 4r$$

$$(2+h)^{2} - (2+h) + 2$$

$$(2+h)^{2} + 4h + 4 - 2 - h + 2$$

$$h \frac{2h}{2h} \frac{h^{2} + 3h + 4}{left}$$

$$left$$

...Quiz 7....

Name:

Section Time: 4744215

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$w^{2} + h^{2} = 65^{2}$$

$$w^{2} = 65^{2} - h^{2}$$

$$w = \sqrt{65^{2} + h^{2}}$$

$$w = \sqrt{65^{2} - h^{2}}$$

$$\frac{\sqrt{65^2-h^2}}{h}$$

25

$$\frac{\sqrt{65^2-h^2}}{h}$$

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

$$(2)^2 - 212 - 2^2 - 4$$

Section Time: 4646634

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

Aspect Ratio =

165-W

h = (65-w)

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

(m(n+1) 2m+1))-1

 $\sum_{n=0}^{\infty} f(n) =$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be interms of h.

Name:

Stephone Mita

Section Time:

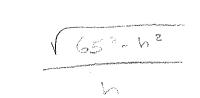
8038481

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



$$65^2 = \omega^2 + h^2$$

Aspect Ratio =



2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\frac{4}{5}$$
 $n^2 - \frac{5}{2}$ $\frac{1}{2}$ $\frac{7}{30}$ $\frac{30}{5}$

$$\frac{h(n+1)(2n+1)}{6}$$

$$= \frac{4/4+i)(2(41+2)}{6} - \frac{4(6)(9)}{6} - \frac{5(36)}{6} - 5(6) = 30$$

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

-3) If x is increased from 2 to $2 \pm h$, how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$(2+h)^2-(2+h)+2$$

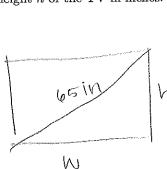
$$(2+h)(2+h)-(2+h)+2$$

Name:

emily cohen

Section Time: 5622949

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



didn's (W/h) $W^2 = (65^2 - h^2)$ (0) $(65^2 - h^2)$ $W = \sqrt{65^2 - h^2}$

Aspect Ratio =

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$N=0$$

$$(0-1)+(1-1)+(4-1)+(9-1)+(10-1)$$

$$-1+0+3+8+15$$

$$-25$$

$$\sum_{i=1}^{4} f(n) = 25$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$f(x)=x^{2}-x+2$$

$$f(2)=4-2+2=4$$

$$f(2+h)=(2+h)^{2}-(2+h)+2$$

$$=4+4h+h^{2}-2-h+2$$

$$=4+3h+h^{2}$$

$$f(2+h) - f(2) = \chi_1 + 3h + h^2 - \lambda_1$$

= $h^2 + 3h$

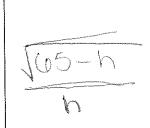
Name:

LYET	Lindse	· Accommodition

Section Time:

(03(0)	2	32
San Carlo		100

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \boxed{ }$$

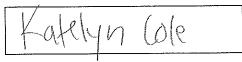
3) If x is increased from 2 to 2+h, how much does $x^2 = x + 2$ increase? Your final answer should be in terms of h.

 $F 2^2 - 2x + 2$

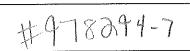
4-2×+2

4-7×

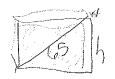
Name:



Section Time:



1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



ar= W/h



2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$g(3) = \frac{1}{3} \frac{3}{3} - 1$$

$$\sum_{n=0}^{4} f(n) =$$

3) If x is increased from 2 to $2 \pm h$, how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$(a+h)^{2}-(a+h)+2$$
 $(a+h)(a+h)$
 $4+ah+ah+h^{2}$
 $h^{2}+4h+4$
 $a+3h+4$
 $a+3h+4$

hat 3h+4

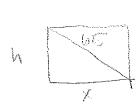
Name:

Alicia Cabey

Section Time:

066030-2

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

(02-17+(12-1)+(2-1)+(3-1)+(3-1)+(12-1)

a 25

$$\sum_{n=0}^{4} f(n) = \boxed{ }$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be interms of h.

2:
$$2^{2}-2+2 \rightarrow 4-2+2=9$$

2+h: $(2+h)^{2}-(2+h)+2$
 $(2+h)(2+h)$
 $(2+h$

*

*originally in your 8 am section

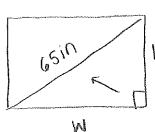
Name:

Isabella Bishop

Section Time:

376020H

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.



y reight "h,

solve for w

Vaspectiation
Porut so
Porer h

$$\frac{h^{2} + w^{2} - 65^{2} - h^{2}}{\int w^{2} - 65^{2} - h^{2}}$$

$$W = \int 65^{2} - h^{2}$$

Aspect Ratio =

 $\int 65^2 - h^2$ h

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$f(x) = y$$

$$\sum_{n=0}^{4} n^2 - 1$$

1 Czero 4 gorill

16-1:15

$$\begin{pmatrix} 0^{2} - 1 \end{pmatrix} + \begin{pmatrix} 1^{2} - 1 \end{pmatrix} + \begin{pmatrix} 2^{2} - 1 \end{pmatrix} + \begin{pmatrix} 3^{2} - 1 \end{pmatrix} + \begin{pmatrix} 4^{2} - 1 \end{pmatrix}$$

$$\begin{pmatrix} 0 - 1 \end{pmatrix} + \begin{pmatrix} 1 - 1 \end{pmatrix} + \begin{pmatrix} 4 - 1 \end{pmatrix} + \begin{pmatrix} 4 - 1 \end{pmatrix} = 25$$

$$-1 + 0 + 3 = 2 + 8 + 15 = 10 + 15 = 25$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be in terms of h.

in terms of h means h in your answer

$$X : 2 \longrightarrow (2^{2}) - (2) + 2 : 4 - 2 + 2 : 4$$

$$X : 2 + h \longrightarrow (2 + h)^{2} - (2 + h) + 2$$

$$(2 + h)^{2} - (2 + h) + 2$$

$$(2 + h)^{2} - (2 + h) + 2$$

$$(2 + h)^{2} - (2 + h) + 2$$

$$(2 + h)^{2} - (2 + h) + 2$$

$$(2 + h)^{2} - (2 + h) + 2$$

$$(3 + 2h)^{2} - (2 + h)^{2} + 2$$

$$(4 + 2h)^{2} - (2 + h)^{2} + 2$$

$$(4 + 2h)^{2} + (2 + h)^{2} + 2$$

$$(5 + 2h)^{2} - (2 + h)^{2} + 2$$

$$(6 + h)^{2} - (2 + h)^{2} + 2$$

$$(6 + h)^{2} - (2 + h)^{2} + 2$$

$$(6 + h)^{2} - (2 + h)^{2} + 2$$

$$(6 + h)^{2} - (2 + h)^{2} + 2$$

$$(7 + h)^{2} - (2 + h)^{2} + 2$$

$$(8 + h)^{2} - (2 + h)^{2} + 2$$

$$(9 + h)^{2} - (2 + h)^{2} + 2$$

$$(1 + h)^{2} - (2 + h)^{2} + 2$$

$$(2 + h)^{2} + 2$$

$$(3 + h)^{2} - (2 + h)^{2} + 2$$

$$(4 + 2h)^{2} + 2$$

$$(6 + h)^{2} + 2$$

$$(6 + h)^{2} + 2$$

$$(7 + h)^{2} + 2$$

$$(8 + h)^{2} + 2$$

$$(1 + h)^{2} + 2$$

$$(2 + h)^{2} + 2$$

$$(3 + h)^{2} + 2$$

$$(4 + h)^{2} + 2$$

$$(4 + h)^{2} + 2$$

$$(4 + h)^{2} + 2$$

$$(5 + h)^{2} + 2$$

$$(7 + h)^{2} +$$

$$h^2 + h + 2$$

Name:

Zihn

Section Time:

5381462

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

Aspect Ratio =
$$\sqrt{65^2 - h^2}$$
 : λ

2) If
$$f(n) = n^2 - 1$$
, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2+h, how much does x^2-x+2 increase? Your final answer should be in terms of h.

Name:

Brandy Rodriguez

Section Time:

6565634

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65 in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$h^{2}+w^{2} = 65^{2}$$

$$w^{2} = 565^{2}-h^{2}$$

$$w = 565^{2}-h^{2}$$

$$w = 652^{2}-h^{2}$$

$$w = 650^{2}-h^{2}$$

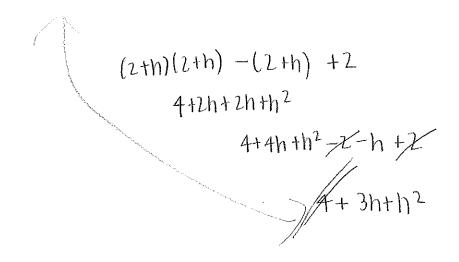
Aspect Ratio =
$$\frac{\sqrt{65^2 - h^2}}{h}$$

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\sum_{n=0}^{4} f(n) = \boxed{25}$$

3) If x is increased from 2 to 2 + h, how much does $x^2 - x + 2$ increase? Your final answer should be interms of h.

$$\chi^{2}-\chi+2$$
 (2th)(2th) - (2+h) + 2
 $4+2h+2h+h^{2}$
 $4-2+2$
 $4+4h+h^{2}-h$
 $4+3h+h^{2}-h$



----Quiz 7

Name:

Annalise Evans

Section Time:

6301023

1) The aspect ratio of a screen is the ratio of the width to the height. You are considering the purchase of a 65in TV (TV sizes are measured by the diagonal, not the length or width). In addition to this information, the manufacturer will only disclose the height of the TV, not the width. Express the aspect ratio in terms of the height h of the TV in inches.

$$w^2 = 65^2 - N^2$$

2) If $f(n) = n^2 - 1$, compute $\sum_{n=0}^{4} f(n)$.

$$\frac{4}{\sum_{n=0}^{\infty}} n^{2} - 1$$

$$\sum_{n=0}^{4} f(n) = \boxed{2^{\ell_0}}$$

3) If \underline{x} is increased from $\underline{2}$ to $\underline{2}$ + \underline{h} , how much does $\underline{x^2 - x + 2}$ increase? Your final answer should be in terms of \underline{h} .

$$(2+h)^{2} - (2+h) + 2$$

 $(2+h)(2+h) - h$
 $4+4h+h^{2}-h$
 $4+3h+h^{2}$