

Minute 1

- 1) 6×3
- 2) How many ears do eight dogs have in all?
- 3) If $n + 2 = 7$, then $n =$
- 4) There were eight bugs on the ground. Now there are six. How many flew away?
- 5) $2 \times 3 \times 2$
- 6) $4 \times 6 + n = 31$
- 7) 3, 6, 9, 12, ____, ____, ____.
- 8) Seven bicycles have ____ wheels in all.

*Use $<$, $>$, **or** = to complete questions 9 and 10.*

- 9) 3 weeks ____ 20 days
- 10) 1 cm ____ 1 in.

Minute 2

- 1) 3×5
- 2) Four dollars equal ____ pennies.
- 3) $2 + 5 \times 2$
- 4) $5 + 8 - 3$
- 5) Simplify $\frac{6}{2}$
- 6) 0, 4, 8, 12, ____, ____, ____.
- 7) $0 \times 5,132$
- 8) $32 \div 2$
- 9) The product of four and three is ____.
- 10) The sum of five and four is ____.

Minute 3

- 1) The product of 4 and 6 is ____.
- 2) $2,463 \times 0$
- 3) 1, 10, 2, 9, 3, ____, ____, ____.
- 4) Simplify $\frac{8}{4}$
- 5) $48 \div 8$
- 6) $8 + 6 \div 3$
- 7) $3 + 4 \times 3$
- 8) How much does each apple cost?
- 9) $5 + (3 - 1)$
- 10) The difference between 9 and 5 is ____.

Minute 4

1) 1, 5, 9, 13, ____, ____, ____.

2) $10 - 4 \times 2$

3) Simplify $\frac{18}{3}$

4) $84 \div 71$

5) Does Ellen spend more time on homework or sports?

6) $4 \times 3 + 5 \times 1$

*For questions 7-10, use: **$a = 2$; $b = 3$; and $c = 6$***

7) $a + b$

8) ac

9) Simplify $\frac{c}{a}$

10) $2b$

Minute 5

1) Simplify $\frac{14}{2}$

2) 1, 2, 4, 8, __, __, __.

3) The sum of 8 and 7 is __.

4) The difference between 9 and 3 is __.

5) $10 - 3 \times 3$

*For questions 1-5, use: **$a = 8$; $b = 2$; and $c = \frac{1}{2}$***

6) $a + b$

7) $b + c$

8) ab

9) ca

10) $4a$

Minute 6

- 1) 4×4
- 2) 6^2
- 3) $2 \times 2 \times 2$
- 4) $9 \times 7 + 3$
- 5) $10 - 5 \times 2$
- 6) 2^6
- 7) $1 \times 1 \times 1 \times 1$
- 8) Simplify $\frac{10}{5}$
- 9) Circle the answer that is equal to $5 \times 5 \times 5$:
 5×3 ; 3×5 ; 5^3 ; 3^5
- 10) $3 + 5$

Minute 7

- 1) 8^2
- 2) $42 - 6$
- 3) A trio and a quartet got together and played a song. How many musicians were there?
- 4) $2 + 3 \times 3 + 2 =$
- 5) Simplify $\frac{36}{2}$
- 6) 10^2
- 7) $\frac{1}{2}(10)$
- 8) $3 \times 2 \times 1$
- 9) Circle the answer that is equal to 4^3 :
 $4 \times 4 \times 4;$ $4 \times 3;$ $4 + 3;$ $3 \times 3 \times 3$
- 10) Simplify $\frac{4}{2}$

Minute 8

- 1) 3^2
- 2) Simplify $\frac{18}{3}$
- 3) Circle the answer that is equal to 5^3 :
a. 5×3 b. $3 \times 3 \times 3 \times 3 \times 3$ c. 3×5 d. $5 \times 5 \times 5$
- 4) If $15 + y = 15$, then $y =$
- 5) $15 + 3 \times 2$
- 6) Scott ate half of the pizza. How many pieces did he eat?
- 7) 35×35
- 8) $\frac{1}{2}(12)$

*For questions 9 and 10, use: **$a = 5$ and $b = 2$***

- 9) ab
- 10) ba

Minute 9

- 1) 7^2
- 2) If $4r = 24$, then $r =$
- 3) Simplify $\frac{15}{3}$
- 4) $5(4 + 2)$
- 5) $6 + 4 \times 2$
- 6) If $s - 8 = 9$, then $s =$
- 7) 45×45
- 8) 2^3
- 9) If there are fifty dimes in a roll of coins, then it is equal to ____ dollars.
- 10) The product of *eight* and *nine* is ____.

Minute 10

- 1) $\frac{1}{2}$ (20)
- 2) Simplify $\frac{20}{4}$
- 3) $(4 + 4)^2$
- 4) The quotient of 27 divided 3 is?
- 5) One half of fifty is ____.
- 6) 128, 64, 32, 16, ____, ____, ____.
- 7) 256×0

*For questions 8-10, use: **$a = 5$; $b = 4$; and $c = 2$.***

- 8) ac
- 9) $2a$
- 10) Simplify $\frac{b}{c}$

Minute 11

- 1) Evaluate $a + 15$, if $a = 4$
- 2) Evaluate b^3 , if $b = 2$
- 3) $8(4 + 3)$
- 4) $10 + 4 \times 2$
- 5) Write an expression for the number of wheels on five cars.
- 6) Evaluate $3n$, if $n = 6$
- 7) 50×50
- 8) Eight squared is ____.
- 9) Evaluate $y(y - 4)$, if $y = 6$
- 10) What are the Order of Operations?

Minute 12

- 1) The sum of four and twelve is ____.
- 2) Write an expression for how many feet six ducks have.
- 3) $(8 - 3)^2$
- 4) $\frac{1}{2} (2 \times 8)$
- 5) Three squared is equal to ____.
- 6) $8 \times 1 + 4 \times 2$
- 7) $8 - 3 \times 2$
- 8) Five dollars equal how many pennies?
- 9) Evaluate a^2 , if $a = 5$
- 10) Write an expression for the number of days in four-weeks.

Minute 13

- 1) $3(4 + 2 + 1)$
- 2) Write an expression for the number of hands 6 children have.
- 3) $9 - x = 3$
- 4) 7×4
- 5) $12 - 3 \times 4$
- 6) $8(10)^2$
- 7) Evaluate $65 + a$, if $a = 7$.
- 8) The quotient of *twenty – four* divided by *eight*?
- 9) Evaluate $5a - a$, if $a = 9$.
- 10) Twelve quarters equal ____ dollars.

Minute 14

- 1) Simplify $15 - 3 \times 2$
- 2) Simplify $25 \div 5$
- 3) $3^3 + 3^3$
- 4) A centipede has ____ legs.
- 5) $(5 + 4)^2$
- 6) Evaluate $x - 4 + 4x$, if $x = 2$
- 7) Forty nickels equal ____ dollars.

*Use $<$, $>$, **or** = to complete questions 8 - 10.*

- 8) 3^2 ____ 24
- 9) 1 *meter* ____ 100 *meter*
- 10) $9(8)$ ____ $8(5 + 4)$

Minute 15

- 1) Simplify 4×4
- 2) Five boxes of pencils with ten pencils per box equal ____ pencils.
- 3) If $18 \div 3 = n$, then $n =$
- 4) 70×70
- 5) The product of 6 and 3 is ____.
- 6) Solve for x , $22 + x = 9$
- 7) $1, 4, 9, 16, _, _, _$.
- 8) Simplify $\frac{15}{3}$
- 9) Write an expression for the number of wheels on five tricycles.
- 10) Five squared plus ten is equal to ____.

Minute 16

- 1) 8×4
- 2) 65×65
- 3) $10(6 - 12)$
- 4) Three centuries is equal to ____ years.
- 5) What's the difference between fifteen and five squared?
- 6) $7 - 4(2)$
- 7) $45 \div 3$

*For questions 8 - 10, use **$a = 4$** ; **$b = 9$** ; and **$c = 3$***

- 8) Evaluate $c - a$
- 9) Evaluate $\frac{ab}{ac}$
- 10) Evaluate $a(b - c)$

Minute 17

- 1) 7^2
- 2) $10 - 5 + 3$
- 3) $0.6 + 0.3$
- 4) Six weeks is equal to ____ days.
- 5) $18 - 6 \times 2$
- 6) $-6 + 9$
- 7) $11 + (-2)$

*Use $<$, $>$, **or** $=$ to complete questions 8 - 10*

- 8) 0.55 ____ 0.65
- 9) 0.083 ____ 0.81
- 10) 0.6 ____ 0.60

Minute 18

- 1) $3(4 - 1 + 2)$
- 2) Order these numbers from least to greatest: 5.2; 0.052; 0.52
- 3) $(5 - 3)^3$
- 4) $\frac{20}{4}$
- 5) Which is the greater number: 0.0853 or 0.09
- 6) Which is equivalent to 4^3 :
 12 ; $4 \times 4 \times 4$; $3 \times 3 \times 3 \times 3$
- 7) The product of 8 and 11 is ____

Use <, >, or = to complete questions 8 - 10

- 8) 4.03 ____ 4.01
- 9) 0.0034 ____ 0.03
- 10) 10.6 ____ 10.600

Minute 19

- 1) What is the difference between **0.8** and **0.5**?
- 2) Which value is the greatest: **0.55**; **0.50**; **0.505**
- 3) Which value is the least: **0.092**; **0.029**; **0.043**
- 4) Evaluate a^2 , when $a = 9$
- 5) Simplify $3 + 9 \times 2$
- 6) Order least to greatest: **0.08**; **8.0**; **0.8**
- 7) 10.3×10^2
- 8) $6 \div 2 \times 4$

For questions 9 and 10, solve for x

- 9) $3x = 27$
- 10) $4x = 36$

Minute 20

- 1) If $a + 8 = 16$, then $a =$
- 2) Circle the greatest number: 8.20; 8.02; 8.022
- 3) $0.3 + 0.2 + 0.1$

For questions 4 - 7, round to the ones place.

- 4) 26.26
- 5) 2.81
- 6) 0.018
- 7) 15.45

For questions 8 - 10, use $a = 2$; $b = 3$; and $c = 8$

- 8) Evaluate and Simplify $ab(c - a)$
- 9) Evaluate and Simplify $2(a + b)^2$
- 10) Evaluate and Simplify $\left(\frac{c}{a}\right)^2$

Minute 21

- 1) $0.8 + 0.6$
- 2) If $\frac{x}{3} = 6$, then $x =$
- 3) Circle the number with the least value: **0.051**; 3.82; 0.05
- 4) Ten weeks equal ____ days.
- 5) $10 - 6 + 2$
- 6) $3^2 + 2$
- 7) Eight dogs have ____ legs in all.

For questions 8 - 10, round to the tenths place.

- 8) **0.787**
- 9) **0.506**
- 10) **2.8**

Minute 22

- 1) 55×55
- 2) $8 - 3 + 4$
- 3) Sixteen quarters equal ____ dollars.
- 4) $6(8)$
- 5) $\frac{28}{4}$
- 6) If $g - 4 = 18$, then $g =$
- 7) If $a = 3$, then $2^a =$

For questions 8 - 10, estimate the answer by rounding to the ones place and then applying the correct operation. Number 8 is done for you.

- 8) $12.2 + 4.9 = 12 + 5 = 17$
- 9) $18.9 - 3.6$
- 10) 6.9×8.2

Minute 23

- 1) 4^2
- 2) The product of 6 and 3 is ____.
- 3) Circle the answer that is equal to $3 + 3 + 3 + 3$:
 4^3 ; 3^4 ; 15; 12
- 4) $5(3 + 5)$

*Use <, >, **or** = to complete questions 5 - 7*

- 5) 4.1 ____ 6
- 6) 2.08 ____ 2.080
- 7) 5.03 ____ 5.4

For questions 8 - 10, round to the tenths place.

- 8) 8.842
- 9) 481.56
- 10) 0.0083

Minute 24

- 1) Ten cats have ____ legs in all.
- 2) $(8 - 3 \times 2)^2$
- 3) $0.84 \cdot 10 =$
- 4) $8.23 \cdot 102 =$
- 5) $25 \cdot 0.1 =$
- 6) If $a = 5$ and $b = 4$, then $ab =$
- 7) If $a = 2$ and $b = 3$, then $aba =$

*Use $<$, $>$, **or** $=$ to complete questions 8 - 10.*

- 8) 4.03 ____ 4.01
- 9) 5.62 ____ 8
- 10) 6 ____ -5

Minute 25

- 1) $2(5)(3)$
- 2) 0.04×100
- 3) Circle the greatest number: 4.8; 4.08; 4.008
- 4) Circle the number with the least value: 2.2; 0.02; 0.2
- 5) 4.68×0.1

Use <, >, or = to complete questions 6 and 7.

- 6) 3^2 ____ 4^2
- 7) 3^2 ____ 2^3

For questions 8 - 10, round to the ones place.

- 8) 4.081
- 9) 20.65
- 10) 4,348

Minute 26

- 1) 75×75
- 2) $|-11|$
- 3) 3.26×10
- 4) 4.28×0.1
- 5) If $a = 2$ and $b = 7$, then $ba =$
- 6) $8 - 2 + 4$
- 7) 10^3

*Use $<$, $>$, **or** $=$ to complete questions 8 - 10.*

- 8) 14.2 ____ 14.01
- 9) 0.043 ____ 0.5
- 10) 4^2 ____ 2^4

Minute 27

- 1) $2(4)(3)$
- 2) 1, 3, 6, 10, ____, ____, ____.
- 3) Identify the range of the following numbers
8; 2; 10; 4; 4; 6
- 4) $\frac{3 + 2 + 1}{3}$
- 5) What is *seven and twenty – six one hundredths* rounded to the nearest whole number?
- 6) Eight birds have ____ wings in all.
- 7) Write **0.98989898 ...** Using bar notation.
- 8) $5 + 1.2$
- 9) $0.403 \times 1,000$
- 10) Write an expression for the number of people, if ten people joined the class.

Minute 28

1) Circle the greatest number: **0.002**; **0.0021**; **0.019**

2) Identify the range of the following numbers

4; 3; 3; 15; 28

3) $\frac{5 - 2 + 5}{2}$

4) Two and a half hours later than 3:30 is ____.

5) What is the mean of **2, 7, and 9**?

6) If $a = 4$, then $a^2 =$

7) The quotient of **35** divided by **5**?

*Use $<$, $>$, **or** = to complete questions 8 - 10.*

8) 3.2×10^2 ____ 0.32×10^3

9) 0.04 ____ 0.301

10) 3 dozen donuts ____ 30 donuts

Minute 29

- 1) Identify the range of the following numbers:
100; 212; 215; 308; 303; 600
- 2) Write **0.43333 ...** using bar notation.
- 3) **0.5, 1, 1.5, __, __, __.**
- 4) What is the mean of two and twelve?
- 5) Identify the mode of the following numbers:
1; 1; 1; 2; 2; 3; 3; 3; 3; 3; 4; 7
- 6) **5 – 95**
- 7) The product of four and eight is ____.
- 8) **$3^2 = 2^3 + 1$** True or False
- 9) Is two dozen evenly divisible by three?
- 10) Two hours later than 11:30 is ____.

Minute 30

- 1) $|-50| =$
- 2) Identify the mode of the following numbers:
2; 5; 6; 6; 11; 19; 20
- 3) What is the range of the numbers in problem 2?
- 4)
$$\frac{5 + 4 + 1}{3 + 1 + 1}$$
- 5) One day less than three weeks is ____ days.
- 6) Round **18.94** to the nearest whole number ____.
- 7) Which is the least value: **0.002; 0.0019; 0.0004**
- 8) **2×0.4**
- 9) Two snakes plus seven snakes equal ____ snakes.
- 10) Write *twenty – three thousandths* in decimal form

Minute 31

- 1) Two centuries and 6 decades equal ____ years.
- 2) Write as a fraction the probability of rolling a 3 on a six-sided di.
- 3) Three hours later than 2:30 is ____
- 4) Which answer shows how much a seventh-grade student might weigh:
500kg; 50kg; 5kg; 100g
- 5) Which is greater number: *54 inches or 5 feet*
- 6) If $5x + 1 = 21$, then $x =$
- 7) $\frac{1}{2}(18)$
- 8) True or False: $0.054 > 0.1$
- 9) Define parallel lines?
- 10) If you have read half of an 80-page book, how many pages have you read?

Minute 32

- 1) 42.6×100
- 2) If $8 + q = 12$, then $q =$
- 3) 47×100
- 4) Is **21.49** closer to **21** *or* **22**?
- 5) In 5 years, Lindsey will be a teenager. How old is she now?
- 6) If $\frac{n}{100} = 0.2$, then $n =$
- 7) Two quarters equal ____ nickels.
- 8) If 1 gallon has 4 quarts, how many quarts do 2 gallons have?
- 9) **1; 4; 9; 16; ____; 36; 49; 64**
- 10) What is the probability of drawing a black marble from the bag?
White = 6 Black = 4

Minute 33

- 1) $42.6 \div 100$
- 2) If $10 - z = 4$, then $z =$
- 3) $3 \times 6 = 18$, which number is the product?
- 4) If $w \times 1 = 5 \times 2$, then $w =$
- 5) Write an expression for the number of days in 48 hours.
- 6) Which digit in the number **95,184** is in the thousands place?
- 7) $2^3 - 3^1$
- 8) $5036 \div 4$
- 9) If 5 circles weigh 10 pounds, how much does each circle weigh?
- 10) Name a prime number between **12 and 16**.

Minute 34

Write expressions for 1 - 3

- 1) Two days less than four weeks.
- 2) Five minutes less than an hour.
- 3) The number of sides in five triangles.
- 4) Write twenty-six hundredths as a decimal.
- 5) $|-25| =$
- 6) $\sqrt{16} =$
- 7) Which is greatest: **0.9**; **0.901**; **0.89**
- 8) Round 1,894 to the nearest hundred.
- 9) What is the probability of the rolling even on six-sided di:
1 out of 2 1 out of 3 2 out of 4 2 out of 3
- 10) Which fraction shows the chance of rolling an even number on a di?
 $\frac{1}{6}; \frac{2}{3}; \frac{3}{2}; \frac{1}{2}$

Minute 35

Write expressions for 1 - 3

- 1) The number of wheels for four motorcycles.
- 2) The number of pennies in six-dollars
- 3)
- 4) Circle the answer that shows how much a cow might weigh:
1,000 lbs; 1,000 g; 1,000 tons
- 5) 10^2
- 6) $\sqrt{49} =$
- 7) 4.78×100
- 8) $0.4 + 0.3$
- 9) 0.4×0.3
- 10) The difference between 11 and 3.

Minute 36

- 1) Is 372 evenly divisible by 2?
- 2) Is 249 evenly divisible by 3?
- 3) $3 \times 3 \times 3 \times 3$
- 4) 8^2
- 5) $\sqrt{36}$
- 6) $23 + 32$
- 7) 0.004×10^2
- 8) If $a = 2$ and $b = 5$, then $ab =$
- 9) How many legs does millipede have?
- 10) Define: *Ratio*

Minute 37

- 1) Is **2,112** evenly divisible by **3**?
- 2) Is **432** evenly divisible by **4**?
- 3) **4^2**
- 4) **$\sqrt{100}$**
- 5) How many years in a one-century?
- 6) How many sides does a pentagon have?
- 7) If **$a = 8$** and **$b = 2$** , then **$\frac{a}{b} =$**
- 8) **$0.4 + 0.6$**
- 9) **$0.4(0.6)$**
- 10) Which is greater: **0.05** or **0.50**

Minute 38

- 1) Is 435 evenly divisible by 5?
- 2) Which is greater, *2 feet* or *2 meters*?

Write an expression for 3, 4

- 3) The number of wheels on twelve-cars.
- 4) The number of inches in two-feet.
- 5) $0(3,133)$
- 6) $968(0.01)$
- 7) $(0.8)(0.4)$
- 8) $7(0.4 + 0.5)$
- 9) Define: *Parallel Lines*
- 10) Define: *Proportion*

Minute 39

- 1) $0.0432(10)^3$
 - 2) $4.1(10)^2$
 - 3) Write $\frac{1}{2}$ as a decimal.
 - 4) If $6,734 = 6.734 \times 10^n$, then $n =$
 - 5) If eleven-marbles are in each bag, how many marbles are in 5 bags?
 - 6) Define: *Rectangle*
 - 7) Define: *Perpendicular Lines*
- Use <, >, or = to complete questions 8 – 10.*
- 8) 1.78 ____ 1.774
 - 9) 1.009 ____ 1.1
 - 10) 10^2 ____ $1,000$

Minute 40

- 1) A decagon has ____ sides.
- 2) Translate into a numerical expression: eight squared plus two
- 3) The mean of 3, 5, and 10
- 4) $\sqrt{25}$
- 5) Write $\frac{1}{4}$ as a decimal

Use <, >, or = to complete questions 6 – 8

- 6) 8.2 ____ 8.19
- 7) 0.006 ____ 0.08
- 8) 3^2 ____ 2^3

For questions 9 and 10, round to the nearest tenths – place

- 9) 68.34
- 10) 6.834

Minute 41

- 1) Write **64,120** in scientific notation.
- 2) If $a = 6$ and $b = 8$, then $ab =$
- 3) $11 \times 4 =$
- 4) $5 + 6(2) =$
- 5) Nine squared
- 6) The square root of thirty-six
- 7) Circle the answer that is equivalent to 0.432×0.14 :
 $a. 0.06$ $b. 6.048$ $c. 0.06048$ $d. 43.2$
- 8) Define equilateral triangle
For questions 9 and 10, round to the nearest hundredths – place
- 9) 0.593 ____.
- 10) 0.0032 ____.

Minute 42

1) 5% *of* 120

2) Which is equivalent to 0.62×0.4 :

a. 0.04 *b.* 0.248 *c.* 8.3 *d.* 0.00083

3) 75×75

4) Write 5,823 in scientific notation

5) The mean of 2, 10, and 9

6) $0.5 + 0.2$

7) Define pentagram

Use <, >, or = to complete questions 8 – 10

8) 1.49 ___ 1.483

9) 3.43×10^4 ___ 3.43×10^5

10) 2.900 ___ 2.9

Minute 43

- 1) 20% of 36
- 2) Is 492 evenly divisible by 9?
- 3) Which is equivalent to 22^3 :
a. 22×3 b. $22 + 22 + 22$ c. $22 \times 22 \times 22$ d. 3×22
- 4) $2^3(n) = 32$
- 5) $\sqrt{49}$
- 6) 0.0836×10^3
- 7) Write an expression for the number of dimes in \$5.00
- 8) 1, 2, 4, 7, __, __, __
- 9) $0.02 + 0.03$
- 10) $16 \times \frac{1}{2}$

Minute 44

- 1) Factor **18** using the factor tree
- 2) Simplify $\sqrt{72}$
- 3) Is **107** evenly divisible by **9**?
- 4) Write an expression for the number of ears for twelve people.
- 5) $10^2 - 4 \div 2 + 3(2)$
- 6) **79% of 680**
- 7) Write the number in scientific notation:
eight thousand four hundred thirty – six
- 8) Is twenty-seven prime or composite?
- 9) Define parallelogram
- 10) Circle the answer that is equal to 0.046×0.3 :
a. 0.12 b. 0.0138 c. 0.128 d. 0.00463

Minute 45

1) Forty-nine days equal ____ weeks.

2) $2n + 10 = 70$

3) 35% of 480

4) Is 845 evenly divisible by 4?

5)

6) The product of 100 and 1.82

7) Complete the Factor Tree: 35

Use <, >, or = to complete questions 8 – 10.

8) 4.82 ____ 4.083

9) 3×2^2 ____ 2×3^2

10) $4,183$ ____ 4.183×10^3

Minute 46

- 1) If $a = 8$ and $b = 2$, then $a/b =$
- 2) The mean of 1, 12, and 14 is ____.
- 3) Two centuries are equal to ____ years.
- 4) Circle the answer that is equivalent to $0.414141414 \dots$:

a. 0.41 b. 0.4140 c. 0.41 d. 0.14

- 5) Five squared equals ____.
- 6) If $4,132 = 4.132 \times 10^4$, then $a =$
- 7) Is 7 prime or composite? ____.
- 8) 2, 12, 22, 32, ____, ____, ____.
- 9) Factor 25
- 10) What is one hundred divided by ten? ____.

Minute 47

- 1) If $\frac{4}{16} = \frac{x}{4}$, then $x =$
- 2) What fraction does the shaded portion of the box represent?
- 3) $\frac{52}{100} = \underline{\hspace{1cm}}\%$
- 4) Two flags with 50 stars each have $\underline{\hspace{1cm}}$ stars in all.
- 5) If $\frac{4}{8} = \frac{x}{2}$, then $x =$
- 6) $\frac{90}{100} = \underline{\hspace{1cm}}\%$
- 7) $24 = 2 \cdot 2 \cdot 2 \cdot \underline{\hspace{1cm}}$
- 8) In the number 54,631, what digit is in the ten thousands place?
- 9) Name the shape.
- 10) What is thirty plus thirty?

Minute 48

- 1) Multiply 0.023 and 10^2 ____.
- 2) $\frac{41}{100} = \text{____}\%$
- 3) What fraction does the shaded portion of the box represent? ____.
- 4) $44.68 + 10 =$
- 5) $\sqrt{121}$
- 6) If $a = 8$ and $b = 4$, then $ab =$
- 7) $2 \cdot 3 \cdot 5 =$
- 8) $0 \times 5,123 =$
- 9) $\frac{8}{10} = \text{____}\%$
- 10) If $\frac{1}{3} = \frac{m}{9}$, then $m =$

Minute 49

- 1) Is thirty-three prime or composite? ____.
- 2) Write 76% as a decimal ____.
- 3) 3, 1, 4, 7, 10, ____, ____, ____.
- 4) $0.5 + 0.42 =$
- 5) $9^2 =$
- 6) What fraction does the shaded portion of the circle represent? ____.
- 7) If $\frac{1}{7} = \frac{3}{n}$, then $n =$
- 8) $1.2 + 2.2 =$
- 9) The sum of 8 and 9 is ____.
- 10) Name the shape ____.

Minute 50

1) $6.2 \cdot 10 =$

2) If an ant has six legs, then how many legs do eight ants have in all? ____.

3) List the factors of 12.

____, ____, ____, ____, ____

4) $(8 + 2) 5 =$

5) If $n - 8 = 2$, then $n =$

6) $52 =$

7) If $x = 2$ and $y = 6$, then $xy =$

8) $\pi = 3.1$

9) $0 \div 11 =$

10) Round eighteen and ninety-four hundredths to the nearest whole number.

Minute 51

- 1) $4^2 =$
- 2) If $36 = n^2$, then $n =$
- 3) Three hours from the time shown would be?
- 4) $7 + 3.4 =$
- 5) What are the first three multiples of 4?
- 6) List the factors of 20?
- 7) $8x = 96$
- 8) $\Pi = 3$. _____
- 9) _____ $\div 4 = 6$
- 10) If $5(n - 2) = 35$, then $n =$

Minute 52

- 1) $9 \times 9 =$
- 2) Round 0.789 to the nearest tenth.
- 3) Use exponents to write $4 \times 4 \times 4 \times 4$.
- 4) $2 + 36 \div 6 =$
- 5) $12d \div 10 =$
- 6) $\pi =$
- 7) If $\frac{n}{3} = 2$, then $n =$
- 8) If $n = 2$, then $8n =$

Use $<$, $>$, or $=$ to complete questions 9 and 10.

- 9) 1.34 _____ 1.308
- 10) 9^2 _____ 3^4

Minute 53

- 1) If $\frac{3}{5} = x/50$ then $x =$
- 2) List the first three multiples of 5, _____, _____, and _____.
- 3) $\frac{45}{100}$
- 4) If $n^2 = 64$, then $n =$
- 5) What are the factors of 18?
- 6) $\frac{12}{4} =$
- 7) $22 \times 3 =$
- 8) If $a = 1$, $b = 2$, and $c = 3$, then $abc =$
- 9) Seventy-three out of 100 is _____ %
- 10) Is this a regular polygon?

Minute 54

- 1) Circle the answer that shows the probable length of this paperclip:
a) 3 millimeters b) 3 centimeters c) 3 meters d) 3 kilometers
- 2) $4(2 + 3) =$
- 3) $0 \times 5.842 =$
- 4) $\pi =$
- 5) List the first three multiples of 10, _____, _____, and _____.
- 6) Is 13 prime or composite?
- 7) $16 = 3^2 \times 2$
- 8) If $16\% = \frac{?}{100}$, then $? =$
- 9) Is 4,032 evenly divisible by 3?
- 10) What fraction does the shaded portion of the circle represent?

Minute 55

- 1) Eight out of 100 = _____ %
- 2) $18 : 100$ is _____ %
- 3) What fraction does the shaded portion of the box represent?
- 4) $65 \times 65 =$
- 5) $10 \times 8.4 =$
- 6) Simplify: $\frac{18}{24} =$
- 7) List the first three multiples of 9. _____, _____, and _____.
- 8) List the Factors of 6.
- 9) Is 432 evenly divisible by 9?
- 10) $3^2 \bullet 63 =$

Minute 56

- 1) $\sqrt{100}$
- 2) $20 : 100 = \underline{\hspace{1cm}}\%$
- 3) If $65\% = \frac{x}{100}$, then $x =$
- 4) Simplify: $\frac{8}{32} =$
- 5) What are the factors of 15?
- 6) List the first three multiples of 7. $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, and $\underline{\hspace{1cm}}$.
- 7) Is 10, 032 evenly divisible by 3?

Use $<$, $>$, $=$ to complete questions 8 - 10.

- 8) $10^2 \underline{\hspace{1cm}} \frac{1,000}{10}$
- 9) $0.042 \underline{\hspace{1cm}} 0.05$
- 10) $32\% \underline{\hspace{1cm}} 32 : 100$

Minute 57

- 1) Simplify: $5/15 =$
- 2) Circle the greater number: 0.8 or 0.07/63
- 3) If $a = 12$ and $b = 100$, then $= \frac{a}{b}$ _____ %
- 4) Is 509 evenly divisible by 4?
- 5) List the factors of 14.
- 6) List the first three multiples of 2. ____, ____, and ____.
- 7) Circle the answer that show the length of this ticket:
a) 4 km b) 4 m c) 4 cm d) 4 mm
- 8) 38% _____ 0.33
- 9) 3^2 _____ 2^4
- 10) $\frac{4}{16}$ _____ $\frac{1}{4}$

Minute 58

- 1) If $a = 1.2$ and $b = 10$, the $ab =$
- 2) If $12/100 = \frac{?}{50}$, then $? =$
- 3) List the factors of 24.
- 4) $0 : 100 = \underline{\hspace{1cm}}\%$
- 5) $\frac{14}{2} =$
- 6) $36 =$
- 7) Circle the answer that shows the length of the pencil
a) 5 cm b) 25 cm c) 50 cm d) 75 cm
- 8) $4^2 =$
- 9) Four feet is equal to $\underline{\hspace{1cm}}$ inches.
- 10) Write twenty-three thousandths as a decimal.

Minute 59

- 1) Write 98% as a decimal.
- 2) Circle the greater value : 65% or $\frac{7}{10}$
- 3) $5.234 \times 10 =$
- 4) Round 8.546 to the nearest tenth.
- 5) $2^3 =$
- 6) $10\pi =$
- 7) If $\frac{6}{18} = \frac{x}{6}$, then $x =$
- 8) Thirty-six eggs are equal to ____ dozen eggs.
- 9) Estimate $8.2 + 4.9 =$
- 10) What fraction does the shaded portion of the circle represent?

Minute 60

- 1) Write $\frac{55}{100}$ as a decimal.
- 2) $\frac{3}{4} = \underline{\hspace{1cm}}\%$
- 3) If $1/2 = s/8$, then $s =$
- 4) Circle the greater number: 0.049 or 0.08
- 5) Round 15.402 to the nearest tenth.
- 6) If $\frac{1}{3} = \frac{t}{60}$, the $t =$
- 7) Write $2 : 7$ as a fraction.
- 8) If $a = 100$ and $b = 0.06$, then $ab =$
- 9) $0 \div 38 =$
- 10) Name the shape.

Minute 61

- 1) Write **0.12** as a percent.
- 2) Is **19** a prime number?
- 3) $\frac{1}{4} = \underline{\hspace{1cm}}\%$
- 4) List the first three multiples of 5, , , .
- 5) Round **14.9631** to the nearest tenth.
- 6) How many times must a three-minute timer be flipped to measure a half-hour?
- 7) Is 817 evenly divisible by 4?
- 8) Circle the greater number. **42 or $8(3 + 4)$**
- 9) If **$41,232 = 4.1232 \times 10^m$** , then $m =$
- 10) Is twenty-four prime or composite?

Minute 62

- 1) 13,328.96 Which number is in the hundredths place?
- 2) Circle the answer that is equal to v^6
 - a. $v + v + v + v + v + v$
 - b. $6v$
 - c. $v^3 + v^3$
 - d. $v \times v \times v \times v \times v \times v$
- 3) What is the temperature?
- 4) $\sqrt{25}$
- 5) If $100 = 10k$, then $k =$
- 6) $\frac{10}{2}$
- 7) $3.38 \times 100 =$
- 8) What is the sum of two hundred and four hundred?
- 9) What is the smallest two-digit prime number?
- 10) $(2)(3)(4) =$

Minute 63

- 1) Circle the greater number: $\frac{3}{4}$ *or* 0.5
- 2) If $a = 8$, then $a^2 =$
- 3) Which is the divisor? $9252 \div 18 = 514$
- 4) $6(6 + 2) =$
- 5) $\sqrt{10 \times 10}$
- 6) $\frac{1}{4} + \frac{2}{4} =$
- 7) What is the total cost of an item priced \$4.95 if there is 5% sales tax?

Use $<$, $>$, *or* $=$ to complete question 8 - 10.

- 8) 0.0083 ____ 0.01
- 9) 23 ____ $5 + 3$
- 10) $1,000,000$ ____ *one million*

Minute 64

- 1) Reduce: $\frac{21}{28}$
- 2) If $22.009 = 22 + \frac{x}{1000}$, then $x =$
- 3) List the factor of 8.
- 4) $12(3) =$
- 5) $\frac{1}{8} + \frac{2}{8} =$
- 6) Circle the measurement that shows the greatest length
- 7) Is 312 evenly divisible by 2?
- 8) If $ab = 10$ and $b = 2$, then $a =$
- 9) $1^3 =$
- 10) $4 + 2.5 =$

Minute 65

- 1) Write 28% as a decimal.
- 2) The Least Common denominator (LCM) of four and five is?
- 3) Reduce: $\frac{5}{40}$
- 4) $\frac{4}{10} = \underline{\hspace{1cm}}\%$
- 5) If $ac = 20$ and $a = 10$, then $c =$
- 6) $\frac{3}{7} - \frac{1}{7} =$
- 7) $\sqrt{5 \times 5}$
- 8) List the factors of 25.
- 9) $0.40 + 0.05 =$
- 10) If $10w = 50$, then $w =$

Minute 66

- 1) 4^2
- 2) $5 + 2(4 + 1)$
- 3) If $5\frac{1}{2} = \frac{x}{2}$, then $x =$
- 4) 1, 2, 4, 8... is an Arithmetic Sequence or Geometric Sequence
- 5) Circle the greater number: $\frac{2}{3}$ *or* $\frac{7}{11}$
- 6) Write $\frac{1}{3}$ as a decimal.
- 7) What is the area of the rectangle?
- 8) What is the perimeter of the rectangle?
- 9) Circle the answer that is equal to 5.128888....
 - a. $5.\overline{128}$
 - b. $5.\overline{12}$
 - c. $5.12\overline{88}$
 - d. $5.12\overline{8}$
- 10) Round 1,286 to the nearest hundred.

Minute 67

- 1) $0.4 + 0.7 + 0.3 =$
- 2) Is 80,100 evenly divisible by 3?
- 3) Eight weeks = ____days
- 4) If $3\frac{2}{3} = \frac{x}{3}$, then $x =$
- 5) Write $\frac{1}{4}$ as a decimal
- 6) Write eight thousand one hundred twenty – three in scientific notation
- 7) If $b = 10$ and $h = 2$, then $bh =$
- 8) What is the area of the rectangle?
- 9) What is the perimeter of the rectangle?
- 10) What is the diameter of the circle?

Minute 68

- 1) How many points ahead are the eagles?
- 2) 3, 4.5, 6, 7.5, _____ , _____
- 3) What odd number does a equal? $11 < a \leq 13$
- 4) $2^3 \times 3 =$
- 5) What is the area of the rectangle?
- 6) what is the perimeter of the rectangle?
- 7) $10.5 + \frac{1}{2} =$
- 8) If $w \times 100 = 1,000$, then $w =$
- 9) The absolute value of -7 is
- 10) A negative number times a negative number is a _____?

Minute 69

- 1) If $l = 8$, $w = 2$, and $h = 1$, then $lwh =$
- 2) Which is the dividend? $42 \div 6 = 8$
- 3) $3(2 + 3 + 1) =$
- 4) $0.244 \times 10 =$
- 5) True or False, 1 meter = 100 centimeters
- 6) What shape is a stop sign?
- 7) If $s = 3$, then $4s^2$
- 8) If $10w = 50$, then $w =$
- 9) What is the perimeter of the shape?
- 10) What is the area of the shape?

Minute 70

- 1) Seven dollars is equal to ____ pennies.
- 2) Write $\frac{9}{4}$ as a mixed number.
- 3) Write $\frac{3}{4}$ as a decimal.
- 4) $0.2 + 0.25 =$
- 5) If $a = 3$ and $b = 9$, the $\frac{b}{a} =$
- 6) $24 \times \frac{1}{2} =$
- 7) $\left(\frac{1}{7}\right)\left(\frac{1}{8}\right)$
- 8) What is the perimeter of the shape?
- 9) What is the area of the shape?
- 10) Area is always measured in what kind of units?

Minute 71

- 1) 0.046×10^2
- 2) If $w = 2$, then $5w^2 =$
- 3) $\frac{1}{2}(4 + 2) =$
- 4) $\frac{1}{2} \times \frac{1}{7}$
- 5) What is the perimeter of the shape?
- 6) The product of 6 and 7 equals?
- 7) $4 + 3 \times 2 =$
- 8) What is the reciprocal of $\frac{4}{9}$?
- 9) Write $\frac{13}{4}$ as a mixed number.
- 10) Write $\frac{1}{4}$ as a decimal.

Minute 72

- 1) $52 \times 10^2 =$
- 2) If $a = \frac{1}{2}$ and $b = \frac{1}{3}$, then $ab =$
- 3) $\frac{1}{2}(4 \times 2) =$
- 4) What is the reciprocal of $\frac{7}{5}$?
- 5) Reduce: $\frac{12}{36}$
- 6) Write $5\frac{1}{4}$ as an improper fraction.
- 7) What is the perimeter of the shape?
- 8) Write $\frac{1}{3}$ as a decimal.
- 9) What is the area of a box that is eight by four by two?
- 10) 10, 13, 16, 19 ... Is an Arithmetic Sequence or Geometric Sequence?

Minute 73

- 1) *Reduce:* $\frac{3}{12}$
- 2) True or False, $\frac{8}{12} = \frac{2}{3}$
- 3) If $6c = 42$, then $c =$
- 4) $(-8)(-4) =$
- 5) $5 - (-8) =$
- 6) If $-4a = -20$, then $a =$
- 7) Write 12% as a decimal.
- 8) What is the area of the shape?
- 9) What is the perimeter of the shape?
- 10) The square root of 36 is?

Minute 74

- 1) Simplify: $\frac{3}{6}$
- 2) If $(-6)(-4) = b$, then $b =$
- 3) If $l = 2$, $w = 3$, and $h = 4$, the $lwh =$
- 4) What is the area of the shape?
- 5) Are these lines perpendicular?
- 6) Two hours equal ____ minutes.
- 7) Round 18.24 to the ones place.
- 8) $12 - (-4) =$
- 9) $-4 - (-5) =$
- 10) If $x - 2 = 3$, then $x =$

Minute 75

- 1) $\frac{1}{2}(16)$
- 2) Round 0.36444 to the nearest thousandths place.
- 3) If $x + 4 = 6$, then $x =$
- 4) How many degrees is angle x ?
- 5) What quadrant is the point $(-4, 4)$ in?
- 6) If $-8x = 24$, then $x =$
- 7) Draw the line(s) of symmetry for the letter **H**:
- 8) 7^2
- 9) The square root of sixteen is?
- 10) True or False, $5\% = 0.5$

Minute 76

- 1) What quadrant is the point $(-4, -7)$ in?
- 2) A triangle has how many degrees?
- 3) Define perpendicular lines.
- 4) Reduce: $\frac{9}{21} =$
- 5) What kind of angle is this?
- 6) $4 - (-3) =$
- 7) Three hours later than none o'clock is?
- 8) If $a = 10$, then $a^2 =$
- 9) $13(3)$
- 10) List the factors of 15 ...

Minute 77

- 1) What quadrant is the point $(-4, 5)$ in?
- 2) The square root of 64 is ?
- 3) If $b^2 = 81$, then $b =$
- 4) Squares and square roots are the same thing? Explain ...
- 5) $\frac{12}{2} =$
- 6) Seven squared =
- 7) Write three ways to show 8 times a number ...
- 8) List the factors of 18 ...
- 9) Perpendicular lines never intersect. True or False
- 10) $10(4 + 2) - 10$

Minute 78

- 1) What is the area of the shape?
- 2) What is the reciprocal of $\frac{8}{11}$
- 3) $\left(\frac{1}{4}\right)\left(\frac{1}{3}\right) =$
- 4) Write three ways which shows eight divided by a number.
- 5) If $a = 25$, the $\sqrt{a} =$
- 6) What is the perimeter of the shape?
- 7) What is the shape shown in the previous question?
- 8) What is the mean of two, five, and eleven?
- 9) What is the product of four and nine?
- 10) $43.2 \div 100 =$

Minute 79

- 1) One thousand nine hundred ninety – nine minus one thousand nine hundred ninety – eight is?
- 2) Name two multiples of 5 and 6.
- 3) Round 15.132 to the nearest hundredth.
- 4) Circle the fraction that represents the least value: $\frac{1}{7}$, $\frac{1}{3}$, or $\frac{1}{10}$
- 5) Which is the divisor: $76,752 \div 246 = 312$
- 6) If $30 - x = 15$, then $x = ?$
- 7) What is the area of the shape?
- 8) What is the perimeter of the shape?
- 9) $-8 + (-6) = ?$
- 10) $(-8)(-6) = ?$

Minute 80

- 1) Write an equation showing how many hours you slept last night?
- 2) Four quarters and three dimes is how much money?
- 3) Write the equation: fifteen more than a number.
- 4) What is the area of the shape?
- 5) Jon picks eight apples, eats three of them, and then picks two more.
- 6) What is the height of the shape?
- 7) If $10 + x = 30$, then $x = ?$
- 8) which is the numerator: $\frac{5}{11}$
- 9) $(-7)(-6) =$
- 10) $-5 + (-6) =$

Minute 81

- 1) $7(8)(5)(0)(9) =$
- 2) What is the area of the shape?
- 3) What is the permimter of the shape?
- 4) $\$1 - \$0.56 =$
- 5) Name the numbers that have the same value:
- 6) Three hours and seventy –
five minutes is the same as four hours and ? minutes.
- 7) Diagram 25%
- 8) Define parallel lines.
- 9) Describe perpendicular lines.
- 10) $0.5(10) =$

Minute 82

- 1) $27(8)(15)(0)(11) =$
- 2) What is the area of the shape?
- 3) What is the perimeter of the shape?
- 4) Multiple 2.46 by 100.
- 5) \$1.39, \$1.29, \$1.19, _____, _____, _____
- 6) Scott made six out of ten baskets. What percent is this?
- 7) Three weeks and two — days equal ? days.
- 8) What is the volume of the shape?
- 9) Which is longer? 10% of a mile or 100% of a meter
- 10) Diagram 75%

Minute 83

- 1) Farmer Brown has ten chickens. He sells all but four of them.
- 2) $3 + 4(2) =$
- 3) Twelve quarters equal ? dollars.
- 4) 10% of 60 is
- 5) 8^2
- 6) Jo made eight out of ten baskets. What percent is this?
- 7) What is the perimeter of a square with a side of 5 meters?
- 8) What is the area of a square measuring 8 feet by 8 feet ?
- 9) What is the volume of a shape measuring 3 inches by 4 inches by 2 inches
- 10) The absolute value of -12 is

Minute 84

- 1) Type equation here.
- 2) Type equation here.
- 3) Type equation here.
- 4) Type equation here.
- 5) Type equation here.
- 6) Type equation here.
- 7) Type equation here.
- 8) Type equation here.
- 9) Type equation here.
- 10) Type equation here.

Minute 85

- 1) Type equation here.
- 2) Type equation here.
- 3) Type equation here.
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- 10) Type equation here.

Minute 86

- 1) Type equation here.
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- 10) Type equation here.

Minute 87

- 1) Type equation here.
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- 10) Type equation here.

Minute 88

- 1) Type equation here.
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Minute 89

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Minute 90

- 1) Type equation here.
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Minute 91

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Minute 92

- 1) Type equation here.
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Minute 93

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Minute 94

- 1) Type equation here.
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- 10) Type equation here.

Minute 95

- 1) Type equation here.
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- 10) Type equation here.

Minute 96

- 1) Type equation here.
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- 9) Type equation here.
- 10) Type equation here.

Minute 97

- 1) Type equation here.
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- 9) Type equation here.
- 10) Type equation here.

Minute 98

- 1) Type equation here.
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Minute 99

- 1) Type equation here.
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Minute 100

- 1) Type equation here.
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