

## Minute 1

- 1)  $6 \times 3$
- 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)  $3 \times 5$
- 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)  $4 \times 4$
- 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  $5 \times 5 \times 5$ :  
 $5 \times 3$ ;  $3 \times 5$ ;  $5^3$ ;  $3^5$
- 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.  $5 \times 3$     b.  $3 \times 3 \times 3 \times 3 \times 3$     c.  $3 \times 5$     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)  $35 \times 35$
- 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)  $45 \times 45$
- 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)  $256 \times 0$

*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)  $50 \times 50$
- 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)  $7 \times 4$
- 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  $4 \times 4$
- 2) Five boxes of pencils with ten pencils per box equal \_\_\_\_ pencils.
- 3) If  $18 \div 3 = n$ , then  $n =$
- 4)  $70 \times 70$
- 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)  $8 \times 4$
- 2)  $65 \times 65$
- 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)  $10.3 \times 10^2$
- 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)  $55 \times 55$
- 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)  $6.9 \times 8.2$

## 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)  $0.04 \times 100$
- 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)  $4.68 \times 0.1$

*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)  $75 \times 75$
- 2)  $|-11|$
- 3)  $3.26 \times 10$
- 4)  $4.28 \times 0.1$
- 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)  $3.2 \times 10^2$  \_\_\_\_  $0.32 \times 10^3$

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)  $2 \times 0.4$
- 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)  $42.6 \times 100$
- 2) If  $8 + q = 12$ , then  $q =$
- 3)  $47 \times 100$
- 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)  $4.78 \times 100$
- 8)  $0.4 + 0.3$
- 9)  $0.4 \times 0.3$
- 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)  $0.004 \times 10^2$
- 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  $6,734 = 6.734 \times 10^4$ , then  $a =$
  - 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)  $11 \cdot 4 =$
- 4)  $5 + 6 \cdot 2 =$
- 5) Nine squared is equal to \_\_\_\_.
- 6) The square root of 36 is \_\_\_\_.
- 7) Circle the answer that is equivalent to  $0.432 \times 0.14$ :  
a. 0.06    b. 6.048    c. 0.06048    d. 43.2
- 8) Name the shape \_\_\_\_.

For questions 9 and 10, round to the underlined place value.

- 9) 0.593 \_\_\_\_.
- 10) 0.0032 \_\_\_\_.

## Minute 42

- 1)  $25 + 50 =$
- 2) Circle the answer that is equal to  $0.62 \times 0.4$ :  
a. 0.04    b. 0.248    c. 8.3    d. 0.00083
- 3)  $75 \cdot 75 =$
- 4) Write 5,823 in scientific notation.
- 5) The mean of 2, 10, and 9 is \_\_\_\_.
- 6)  $0.5 + 0.2 =$
- 7) A pentomino has \_\_\_\_ squares.  
Use  $<$ ,  $>$ , or  $=$  to complete questions 8 - 10.
- 8)  $1.49$  \_\_\_\_  $1.483$
- 9)  $3.43 \times 10^4$  \_\_\_\_  $3.43 \times 10^5$
- 10)  $2.900$  \_\_\_\_  $2.9$

## Minute 43

- 1) Is seventeen prime or composite?
- 2) Is 492 evenly divisible by 9?
- 3) Circle the answer that is equal to  $22 \times 3$ :  
a.  $2 \times 3$     b.  $3 \times 3 \times 2$     c.  $22 \times 3$     d.  $2 \times 2 \times 3$
- 4)  $2^3 \cdot \underline{\hspace{1cm}} = 32$
- 5)  $\sqrt{49}$
- 6)  $0.0836 \times 10^3 =$
- 7) Twenty dimes equal  $\underline{\hspace{1cm}}$  dollars.
- 8) 1, 2, 4, 7,  $\underline{\hspace{1cm}}$ ,  $\underline{\hspace{1cm}}$ ,  $\underline{\hspace{1cm}}$ .
- 9)  $0.02 + 0.03 =$
- 10)  $16 \times \frac{1}{2} =$

## Minute 44

- 1) Factor 18 using the factor tree
- 2) Is 107 evenly divisible by 9?
- 3) Twelve people have \_\_\_\_ ears in all.
- 4)  $10^2 =$
- 5) Circle the answer that is equal to  $0.046 \times 0.3$ :  
a. 0.12    b. 0.0138    c. 0.128    d. 0.00463
- 6) If  $a = 0.5$  and  $b = 8$ , then  $ab =$
- 7)  $\sqrt{16}$
- 8) Write eight thousand four hundred thirty-six in scientific notation.
- 9) Is twenty-seven prime or composite?
- 10) Name the shape. \_\_\_\_.

## Minute 45

- 1) Forty-nine days equal \_\_\_\_ weeks.
- 2)  $2 \cdot \underline{\hspace{1cm}} \cdot 5 = 70$
- 3) Round 17.9 to the nearest whole number.
- 4) Is 845 evenly divisible by 4?
- 5)  $\frac{1}{4} = 0.2$  True or False
- 6) Multiply 100 and 1.82 \_\_\_\_.
- 7) Complete the Factor Tree: 35  
Use <, >, or = to complete questions 8 - 10.
- 8)  $4.82 \underline{\hspace{1cm}} 4.083$
- 9)  $3 \times 2^2 \underline{\hspace{1cm}} 2 \times 3^2$
- 10)  $4,183 \underline{\hspace{1cm}} 4.183 \times 10^3$

## 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)  $0.046 \times 10^2$
- 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

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