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: $\boldsymbol{a = 2;\ b = 3;\ and\ c = 6}$

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: $\boldsymbol{a = 8;\ b = 2;\ and\ c = \frac{1}{2}}$

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 $5 \times 5 \times 5$:

   $5 \times 3; \quad 3 \times 5; \quad 5^3; \quad 3^5$

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:

   $4 \times 4 \times 4; \quad 4 \times 3; \quad 4 + 3; \quad 3 \times 3 \times 3$

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: $\boldsymbol{a = 5 \text{ and } b = 2}$

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: $\boldsymbol{a = 5;\ b = 4;\ and\ c = 2.}$

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 $\boldsymbol{a = 4;\ b = 9;\ and\ c = 3}$

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:

$$12; \quad 4\times4\times4; \quad 3\times3\times3\times3$$

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 $\boldsymbol{a = 2;\ b = 3;}$ *and* $\boldsymbol{c = 8}$

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 $3 + 3 + 3 + 3$:

$$4^3; \quad 3^4; \quad 15; \quad 12$$

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) $0.84 \bullet 10 =$
4) $8.23 \bullet 102 =$
5) $25 \bullet 0.1 =$
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 $0.98989898\ldots$ 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 $<, >, \boldsymbol{or} =$ *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 $0.43333\ldots$ 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:

$1\ out\ of\ 2 \quad 1\ out\ of\ 3 \quad 2\ out\ of\ 4 \quad 2\ out\ of\ 3$

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) 11×4=
4) $5 + 6\ (2)$ =
5) Nine squared
6) The square root of thirty-six
7) Circle the answer that is equivalent to 0.432 x 0.14:

$$a.\ 0.06 \quad b.\ 6.048 \quad c.\ 0.06048 \quad d.\ 43.2$$

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:

$$a.\ 0.04 \quad b.\ 0.248 \quad c.\ 8.3 \quad d.\ 0.00083$$

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:

$$a.\ 22 \times 3 \quad b.\ 22 + 22 + 22 \quad c.\ 22 \times 22 \times 22 \quad d.\ 3 \times 22$$

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 a 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:

$$a.\ 0.12 \quad b.\ 0.0138 \quad c.\ 0.128 \quad d.\ 0.00463$$

Minute 45

1) The number of weeks in 49 days
2) Factor 35 using a factor tree
3) Simplify $\sqrt{56}$
4) The product of 100 and 1.82
5) Is 845 evenly divisible by 4?
6) $2n + 10 = 70$
7) $35\%\ of\ 480$

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

8) 4.82 ____ 4.083
9) 3×2^2 ____ 2×3^2
10) $4{,}183$ ____ 4.183×10^3

Minute 46

1) The mean of 1, 12, and 14 is ____.
2) The quotient of one hundred divided by ten.
3) Factor 26 using a factor tree
4) Simplify $\sqrt{48}$
5) Write 0.4141 in bar notation
6) If $a = 8$ and $b = 2$, then $\frac{a}{b}$ =
7) Is 7 prime or composite?
8) $2, 12, 22, 32,$ ____, ____, ____.

$$Write\ as\ an\ expression\ for\ 9, 10$$

9) The number of centuries in two-years.
10) The sum of five and two squared.

Minute 47

1) $54{,}631$; what is the value of the ten thousands place?
2) If $\frac{4}{16} = \frac{x}{4}$, then x =
3) If $\frac{4}{8} = \frac{x}{2}$, then x =
4) $\frac{52}{50}$ = ___%
5) Factor 12 using a factor tree
6) If $24 = 2^x$; then $x =$
7) $4(1 - 2 + 3)$
8) Define: $coefficient$

$$Write\ an\ expression\ for\ 9, 10$$

9) Thirty plus four divided by two
10) The number of stars on to American flags.

Minute 48

1) Multiply 0.023 and 10^2 ____.
2) $\frac{41}{100}$ = ____%
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 • 3 • 5 =
8) 0 x 5,123 =
9) $\frac{8}{10}$ = ____%
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 $\frac{\mathbf{1}}{\mathbf{7}} = \frac{\mathbf{3}}{\boldsymbol{n}}$, 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 $\frac{3}{5} = \frac{x}{50}$ 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 x 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 x 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 x 65 =
5) 10 x 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 = _____%
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. _____, _____, and _____.
7) Is 10, 032 evenly divisible by 3?

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

8) 10^2 _____ $\frac{1{,}000}{10}$
9) 0.042 _____ 0.05
10) 32% _____ 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 = _____%
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 _____ 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 x 10 =
4) Round 8.546 to the nearest tenth.
5) 2^3 =
6) 10pi =
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) $\frac{3}{4}$ = _____%
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 ÷ 38 =
10) Name the shape.

Minute 61

1) Write $\mathbf{0.12}$ as a percent.
2) Is $\mathbf{19}$ a prime number?
3) $\frac{\mathbf{1}}{\mathbf{4}} = \_\_\_\_\%$
4) List the first three multiples of 5, ___, ___, ___.
5) Round $\mathbf{14.9631}$ 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. $\mathbf{42}\ \boldsymbol{or}\ \mathbf{8(3+4)}$
9) If $\mathbf{41{,}232 = 4.1232 \times 10}\boldsymbol{m}$, then *m* =
10) Is twenty-four prime or composite?

Minute 62

1) $\mathbf{13{,}328.96}$ 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 $\mathbf{100 = 10}k$, then $k =$
6) $\frac{\mathbf{10}}{\mathbf{2}}$
7) $\mathbf{3.38 \times 100 =}$
8) What is the sum of two hundred and four hundred?
9) What is the smallest two-digit prime number?
10) $\mathbf{(2)(3)(4) =}$

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) $\frac{4}{10} = \_\_\_\_\%$
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 recirpocal 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 perpindicular 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, eates 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 linger? 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.
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Minute 85

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Minute 86

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Minute 87

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Minute 88

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Minute 89

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Minute 90

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Minute 91

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Minute 92

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Minute 93

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Minute 94

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Minute 95

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Minute 96

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Minute 97

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Minute 98

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Minute 99

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Minute 100

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