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Daily Warm-Up 9

1. Mrs. Dornak wrote the number 833,000 on the board. She asked Sheri to come to the board and write the number using scientific notation. If Sheri wrote it correctly, which answer choice below did she write on the board?

Ⓐ $800{,}000 + 33{,}000$

Ⓑ 8.33×10^5

Ⓒ 833×10^5

Ⓓ $(8 \times 100{,}000) + (33 \times 10{,}000)$

2. Which number is equivalent to the following scientific notation value?

5.048×10^{-2} cm

Ⓐ 504,800 cm

Ⓑ 504.8 cm

Ⓒ 0.005048 cm

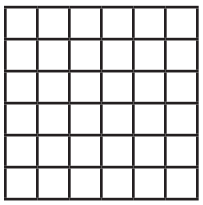
Ⓓ 0.05048 cm

Name

Daily Warm-Up 10

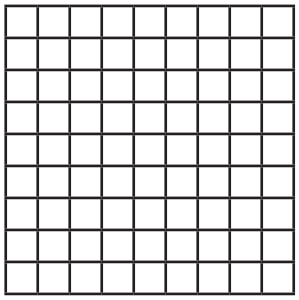
1. Use the models below to find the square root equations.

A.



$\sqrt{____} = ____$

B.



$\sqrt{____} = ____$

2. Fill in the missing blanks in the chart below.

Fraction	Decimal	Percent
$\frac{1}{2}$	0.5	
$\frac{1}{4}$		25%
	0.2	20%
$\frac{2}{5}$	0.4	

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Name

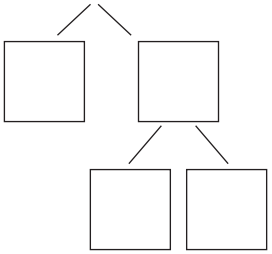
Daily Warm-Up 31

1. A teacher in Wharton, Texas, works 10 months out of a year. What percent of the year does this teacher work? (Round your answer to the nearest hundredth.)

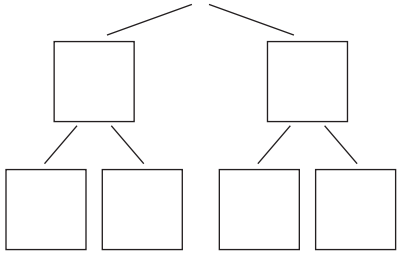
Answer: _____

2. Use prime factorization to complete the factor trees. Be sure to show your work.

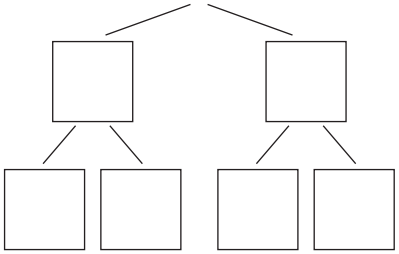
A. 99



B. 36



C. 54



Name

Daily Warm-Up 32

1. Compare the fractions using the correct symbols.

A. $\frac{14}{7}$ ◯ $\frac{4}{6}$

B. $\frac{1}{3}$ ◯ $\frac{1}{2}$

C. $\frac{6}{11}$ ◯ $\frac{25}{5}$

2. Latoya worked on the math problems below. Which problem has 35 as the answer?

Ⓐ Problem A

Ⓑ Problem B

Ⓒ Problem C

Ⓓ Problem D

Problems	
Problem A	(+6) × (-2) = _____
Problem B	(+7) × (-5) = _____
Problem C	(-7) × (-5) = _____
Problem D	(-8) × (-2) = _____

Name

Daily Warm-Up 51

1. At the doctor's office, the waiting room is being remodeled. The rectangular room that measures 22 feet by 18 feet will have wooden floors. What is the minimum amount of wooden flooring the doctor will need to buy to complete the office?

Ⓐ 3,564 sq. yd. of wooden flooring

Ⓑ 720 sq. yd. of wooden flooring

Ⓒ 44 sq. yd. of wooden flooring

Ⓓ 4 sq. yd. of wooden flooring

2. Which table shows the number of edges, faces, and vertices a square pyramid has?

Ⓐ

Square Pyramid		
Faces	Edges	Vertices
6	8	5

Ⓒ

Square Pyramid		
Faces	Edges	Vertices
5	8	5

Ⓑ

Square Pyramid		
Faces	Edges	Vertices
5	6	5

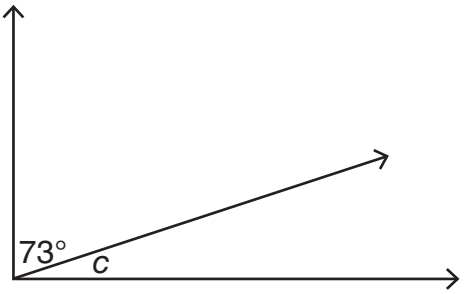
Ⓓ

Square Pyramid		
Faces	Edges	Vertices
5	4	3

Name

Daily Warm-Up 52

1. Find the value of $\angle c$ in the complementary angle below.



$\angle c$ = _____°

2. Marcus asked his mother how much water would fill the bathtub. Which answer choice is the best estimate of the volume of the bathtub?

Ⓐ 50 liters

Ⓑ 50 gallons

Ⓒ 50 milliliters

Ⓓ 50 ounces

Name

Daily Warm-Up 39

1. Three friends created a table comparing their grades on five assignments. Which statement below is true about the mean for this data set?

Ⓐ mean of student 1 > mean of student 2

Ⓑ mean of student 3 = mean of student 1

Ⓒ mean of student 1 < mean of student 3

Ⓓ mean of student 2 = mean of student 1

Student	Grades
1	82, 77, 80, 75, 100
2	85, 84, 92, 89, 82
3	90, 88, 79, 85, 80

2. Mark likes making survivor bracelets out of paracord. Yesterday, he purchased 6 tiles marked *G*, *E*, *A*, *O*, *T*, and *H* to use on his bracelets. The letter tiles are in a package. If Mark reaches in and selects one tile at random, what is the probability he will select a tile that has a vowel printed on it?

Ⓐ 1 out of 6

Ⓑ 2 out of 3

Ⓒ 1 out of 3

Ⓓ 1 out of 2

Name

Daily Warm-Up 40

1. Andrew is making dessert for his father. The table shows the different choices that Andrew has at his house for making an ice-cream treat. Andrew will randomly select one flavor, one topping, and one fruit for his father. What is the probability that he will make a dessert with vanilla, blueberries, and whipped cream?

Ice Cream Flavor	Fruit	Toppings
Strawberry	Blueberry	Whipped Cream
Chocolate	Banana	Granola
Vanilla		

Ⓐ 3 out of 7 Ⓑ 3 out of 12 Ⓒ 1 out of 6 Ⓓ 1 out of 12

2. Jennifer forgot the combination to her locker at school. She knows the numbers are 4, 9, 2, and 6, but she can't remember the order. How many possible combinations can there be to Jennifer's locker using these numbers without repeating?

Answer: _____