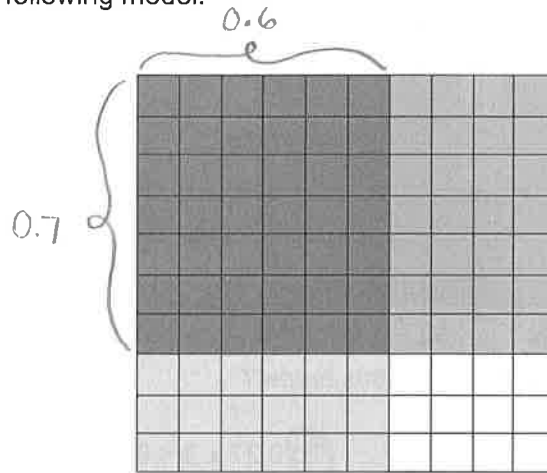


Name Tutt-Key Period _____ Date _____

Bundle 4 Test Review

1. Look at the following model.



$0.6 \times 0.7 = 0.42$

Which equation is best represented by this model?

A) $0.3 \times 0.6 = 0.18$

B) $0.3 \times 0.4 = 0.12$

C) $0.7 \times 0.4 = 0.28$

D) $0.7 \times 0.6 = 0.42$

2. Jenny determined that she could paint 6.25 square meters of her fence using one can of paint. If she currently has 4.5 cans of paint in her garage, how many square meters of her fence can she paint?

A) 4.225 square meters

B) 42.25 square meters

C) 28.125 square meters

D) 281.25 square meters

$$\begin{array}{r} 6.25 \\ \times 4.5 \\ \hline 3125 \\ +25000 \\ \hline 28.125 \end{array}$$

3. One lap around Logan's neighborhood is 0.83 miles long. If Logan runs 6 laps each day, how many miles does Logan run in one day?

A) 4.98 miles

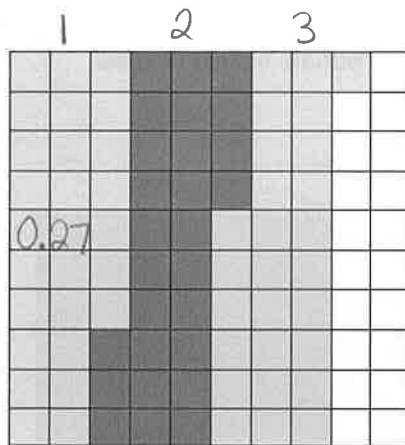
B) 49.8 miles

C) 0.498 miles

D) 498 miles

$$\begin{array}{r} 0.83 \\ \times 6 \\ \hline 4.98 \end{array}$$

4. Look at the following model.



3 groups of 0.27

$$3 \times 0.27 = 0.81$$

Which equation is best represented by this model?

A) $0.27 \times 0.3 = 0.81$

B) $0.27 \times 3 = 0.81$

C) $0.27 \times 3 = 81$

D) $0.27 \times 2 = 0.54$

5. Carl is building a tire swing in his backyard. The kit he bought came with one 25 foot piece of rope. The directions say that Carl needs 0.7 of this rope for the main swing line. How long will Carl's main swing line be?

	1	7	.	5	
0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

$$\begin{array}{r} 25 \\ \times 0.7 \\ \hline 17.5 \text{ feet} \end{array}$$

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

6. The cafeteria sold 122 bags of chips on Friday. Each bag of chips cost \$0.75. They also sold 64 cookies that cost \$0.55 per cookie. How much money did the cafeteria make from chip and cookie sales on Friday?

A) \$1,267.00

B) \$1.30

C) \$126.70

D) \$12.67

$$\begin{array}{r} 91.50 \\ + 35.20 \\ \hline 126.70 \end{array}$$

$$\begin{array}{r} 122 \\ \times 0.75 \\ \hline 610 \\ + 8540 \\ \hline 91.50 \end{array} \quad \begin{array}{r} 64 \\ \times 0.55 \\ \hline 320 \\ + 3200 \\ \hline 35.20 \end{array}$$

7. Blake purchased two computer games for \$21.85 each. The tax on the purchase was \$3.49. Blake gave the clerk a \$50 bill. What is the best estimate, to the nearest dollar, of the change Blake received?

$$\begin{array}{r} 22 \\ \times 2 \\ \hline 44.00 \\ + 3.00 \\ \hline 47.00 \end{array}$$

$$\begin{array}{r} 50 \\ - 47 \\ \hline \boxed{\$3} \end{array}$$

8. Samuel held the school 100 meter dash record for 344 weeks. Which is the best estimate of the number of years Samuel held the record?

A) 1 year

B) 3 years

C) 5 years

D) 7 years

52 weeks per year

$$\begin{array}{r} 7 \\ 50 \overline{) 350} \\ \underline{-350} \\ 0 \end{array}$$

9. The food bank currently has 432,654 pounds of food in their warehouse. They were given 123,643 pounds of food in September and 14,547 pounds of food in October. How many pounds of food did the food bank have at the beginning of September?

$$\begin{array}{r} 123,643 \\ + 14,547 \\ \hline 138,190 \end{array}$$

$$\begin{array}{r} 3 \text{ } 2 \text{ } 5 \\ 432,654 \\ - 138,190 \\ \hline \boxed{294,464 \text{ pounds}} \end{array}$$

*** Bundle 4 Review is Due on Tuesday, Oct 31st ***

*** Bundle 4 Test is on Friday, Nov 3rd ***

10. Charlotte wrote 2 checks, one for \$32.89 to H.E.B and the other for \$89.63 to Target. She had \$176.41 in her checking account before writing the checks. What is Charlotte's balance now?

	5	3	.	8	9
0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

$$\begin{array}{r} 32.89 \\ +89.63 \\ \hline 122.52 \end{array}$$

$$\begin{array}{r} 176.41 \\ -122.52 \\ \hline 53.89 \end{array}$$

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

11. The table below shows the weight of Andy's dog over the past few years.

		3.35	2.46	4.65	4.24
Year	1	2	3	4	5
Weight, in kilograms	9.6	12.95	15.41	20.06	24.3

Between which two years did Andy's dog gain the most weight?

- A) Year 1 and 2 B) Year 2 and 3
- C) Year 3 and 4 D) Year 4 and 5

$$\begin{array}{r} 24.30 \\ -20.06 \\ \hline 4.24 \end{array}$$

$$\begin{array}{r} 12.95 \\ -9.60 \\ \hline 3.35 \end{array}$$

$$\begin{array}{r} 15.41 \\ -12.95 \\ \hline 2.46 \end{array}$$

$$\begin{array}{r} 20.06 \\ -15.41 \\ \hline 4.65 \end{array}$$

12. What is the value of the expression below?

Record your answer and fill in the bubbles on the grid below. Be sure to use the correct place value.

1	1	7	.		
0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

$$225 - [(72 \div 9) + (4 \times 7)] \times 3$$

$$225 - [8 + 28] \times 3$$

$$225 - 36 \times 3$$

$$225 - 108$$

$$\boxed{117}$$

$$\begin{array}{r} 36 \\ \times 3 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 225 \\ -108 \\ \hline 117 \end{array}$$

13. The school cooks used 161.5 ounces of beans to make 100 servings of soup. How many ounces of beans are in 10 servings of soup?

A) 16.15 ounces

B) 1.615 ounces

C) 0.165 ounce

D) 1,615 ounces

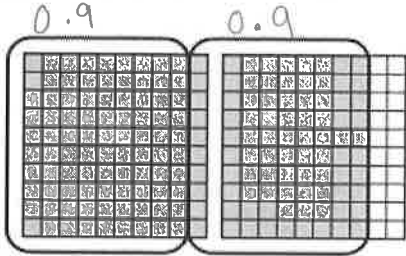
$$1.615 \times 10 = \boxed{16.15}$$

$$\begin{array}{r} \times 1.615 \\ 100 \overline{) 161.500} \\ \underline{-100} \downarrow \\ 615 \downarrow \\ \underline{-600} \downarrow \\ 150 \downarrow \\ \underline{-100} \downarrow \\ 500 \downarrow \\ \underline{-500} \\ 0 \end{array}$$

1.615 per serving

14.

Fiona has a banner that is 1.8 meters long. She draws a line dividing the banner into 2 equal parts. What is the length of each part of the banner?



- A 0.90 meter
- B 0.20 meter
- C 0.80 meter
- D 0.09 meter

$$\begin{array}{r} 0.9 \\ 2 \overline{) 1.8} \\ \underline{-1.8} \\ 0 \end{array}$$

15.

A gardener has 3.69 pounds of plant food. If he divides it into equal portions for 3 tomato plants, which quick picture shows how much plant food he has for each plant?

A = 3.69

B = 2.46

C = 3.99

D = 3.09

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16. Karel used 43.68 liters of water during a 12-day camping trip. Fill in the area model to represent the average number of liters of water Karel used each day?

$$\underline{3} + \underline{0.6} + \underline{0.04} = \underline{3.64}$$

12	$\begin{array}{r} 43.68 \\ - 36.00 = 3 \times 12 \\ \hline 7.68 \end{array}$	$\begin{array}{r} 7.68 \\ - 7.20 = 0.6 \times 12 \\ \hline 0.48 \end{array}$	$\begin{array}{r} 0.48 \\ - 0.48 = 0.04 \times 12 \\ \hline 0.00 \end{array}$
----	--	--	---

17. Joe divided 41.16 pounds of sugar into 4 containers. He rounds the number of pounds of sugar to the nearest 10 to estimate how much sugar should go into each container. What was his estimate?

Record your answer and fill in the bubbles on the grid below. Be sure to use the correct place value.

$$\underline{40.16} \rightarrow 40.00$$

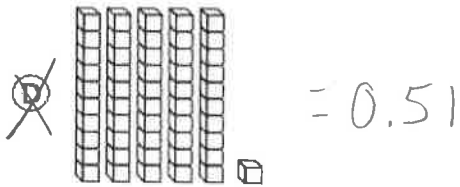
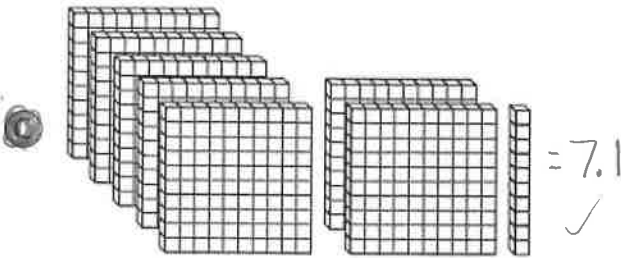
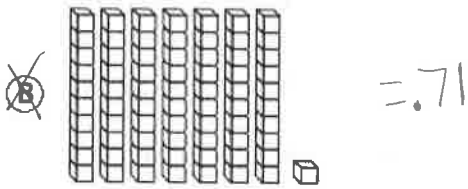
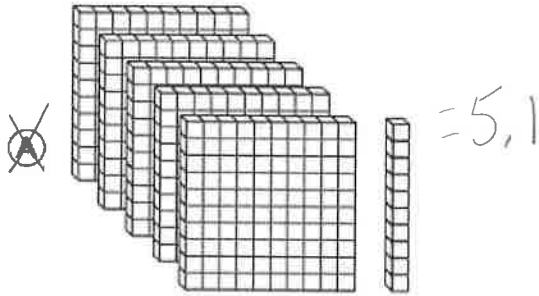
$$\begin{array}{r} 10 \\ 4 \overline{)40} \\ \underline{-4} \\ 00 \\ \underline{-0} \\ 0 \end{array}$$

	1	0	.		
0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

18.

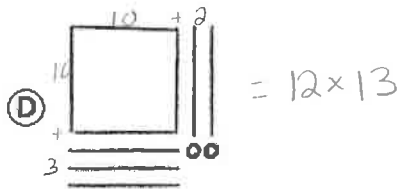
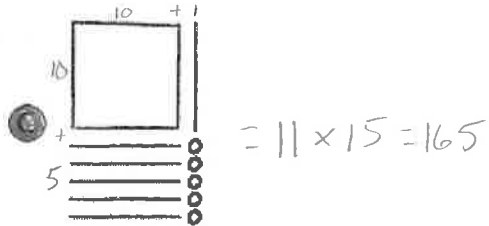
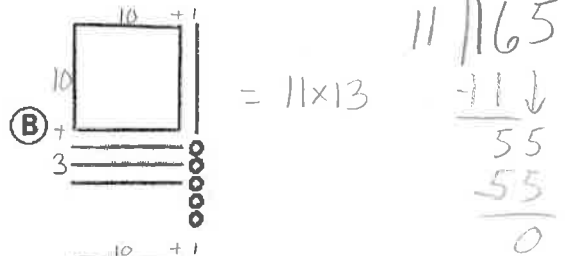
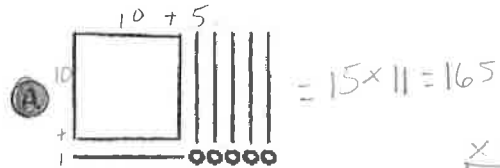
A carpenter had a log that measured 35.5 meters long. He cut the log into 5 equal lengths. Which represents the length of each piece of the log if a flat represents 1 unit?

$$\begin{array}{r} \times 7.1 \\ 5 \overline{) 35.5} \\ \underline{-35} \\ 0.5 \\ \underline{-0.5} \\ 0 \end{array}$$



19.

There are 165 arrowheads displayed in 11 display cases at a museum, with the same number of arrowheads in each case. Which quick picture can be used to determine how many arrowheads are in each case?



A or C

*** Bundle 4 Review is Due on Tuesday, Oct 31st ***

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20. The following table shows the prices for different items at the snack shack. Jackie spent \$15.00 at the snack shack last week. She purchased 3 candy bars, 2 popsicles, and 4 bags of peanuts. Which equation could you use to find c , the cost for each bag of peanuts?

Snack Shack Prices	
Candy Bars	\$1.00 each
Popsicles	\$2.00 each
Peanuts	c

1×3

2×2

$4 \times c$

A) $15 = (3 \times 1) + (2 \times 2) + (4 \times c)$

B) $15 = (3 + 1) \times (2 + 4) \times (4 + c)$

C) $15 = (3 + 2 + 4) \times c$

D) $15 = 1 + 2 + c$

21. Which equation can be used to find one-tenth of 119.9?

A) $119.9 \div 10 = 11.99$

B) $119.9 \div 100 = 1.2$

C) $119.9 \div 9 = 13.32$

D) $119.9 \div 1.0 = 119.9$

$10 \overline{)119.9}$

