

Name _____

Date _____

Fifth Grade Unit 5 Review

1. An equation is shown.

$$735 \div \underline{\hspace{2cm}} = 73.5$$

What is the value of the missing power of ten?

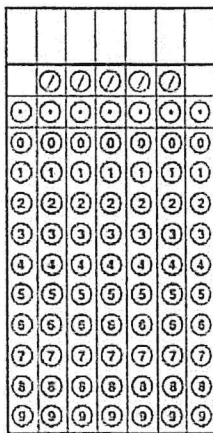
(A) 10^0

(C) 10^2

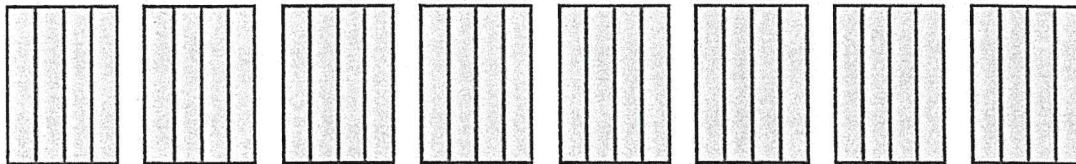
(B) 10^1

(D) 10^3

2. What is the value of $370 \div 10^2$?



3. What is the missing divisor in the division sentence modeled below?



$$3.2 \div \square = 8$$

(A) 4

(C) 0.04

(B) 0.4

(D) 40

4. Select all the equations that have a decimal point placed correctly in the quotient.

(A) $13.25 \div 10^2 = 132.5$

(D) $5.35 \div 10^2 = 0.0535$

(B) $6.8 \div 10 = 0.68$

(E) $161.7 \div 10^2 = 16.17$

(C) $187.5 \div 10 = 1,875$

(F) $16.2 \div 10^2 = 0.162$

5. An expression is shown below.

$$6.96 \div 0.8$$

What is the value of the expression?

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

6. If each \square was replaced with 100, which equations would be correct?

(A) $340.8 \div \square = 3.408$

(D) $600.7 \div \square = 6.007$

(B) $0.7 \div \square = 0.007$

(E) $8.3 \div \square = 0.083$

(C) $0.27 \div \square = 0.027$

(F) $37.3 \div \square = 0.373$

7. Davy jogged a total of 8.65 miles last week. He jogged the same distance each of the five days. How many miles did Davy jog each day?

Write your answer in the box below.

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8. Select the expressions that have a value of 3.

Ⓐ $6.6 \div 0.22$

Ⓒ $0.81 \div 0.27$

Ⓑ $3.6 \div 0.9$

Ⓓ $3.9 \div 0.13$

9. There are 3 different size bottles of laundry detergent at the store. Naomi wants to get the best price, so she calculates how much each bottle of laundry detergent cost per ounce to find which one is the least expensive.

- Bottle A costs \$3.36 for 24 ounces
- Bottle B costs \$5.12 for 32 ounces
- Bottle C costs for \$3.06 for 18 ounces

How much does the box that gives her the best buy costs per ounce? Write your answer in the box below.

10. There are 3 different sizes of cans of paint at the hardware store. Ted wants to get the best price, so he calculates how much each can of paint costs per ounce, to find which one is the least expensive.

- Can A costs \$3.78 for 21 ounces
- Can B costs \$5.32 for 28 ounces
- Can C costs for \$5.27 for 31 ounces

How much does the can of paint that gives him the best buy, cost per ounce? Write your answer in the box below.

11. It costs Mr. Lyons \$0.08 to buy a sticker. If Mr. Lyons spent \$2.16 on stickers, how many stickers did he buy?

Ⓐ 24

Ⓒ 27

Ⓑ 240

Ⓓ 270

12. Which equation could be used to solve for $1.12 \div 0.4$?

Ⓐ $100 \div 5 + 12 \div 5 = 28$

Ⓑ $112 \text{ hundredths} \div 4 \text{ tenths} = 28 \text{ tenths}$

Ⓒ $112 \div 4 = 28$

Ⓓ $112 \text{ tenths} \div 4 \text{ tenths} = 28$