Name _____

1. What are the values of the digits 3 and 4 in 6,435?

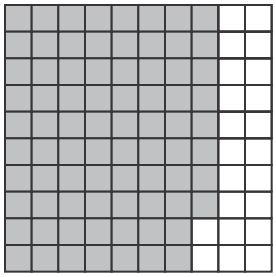
Ⓐ 400; 3

Ⓑ 40; 3

Ⓒ 3,000; 30

Ⓓ 400; 30

2. Which expression does NOT represent the amount shaded in the grid?



Ⓐ 0.78

Ⓑ 0.7800

Ⓒ 0.078

Ⓓ $\left(\frac{1}{10}\right) \times 7 + \left(\frac{1}{100}\right) \times 8$

3. Ali bought three pieces of fruit with the following weights, 8.712 grams, 14.125 grams, and 21.926 grams. What is the best estimate for the total weight of the fruit?

Ⓐ 45

Ⓑ 43

Ⓒ 40

Ⓓ 30

4. Which does NOT show a reasonable estimate for 673 × 18?

Ⓐ 14,000

Ⓑ 13,500

Ⓒ 13,000

Ⓓ 10,000

5. Find the product: 352 × 21.

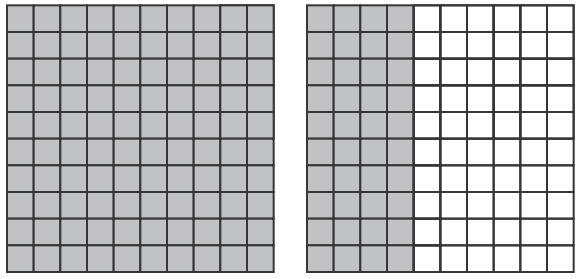
Ⓐ 7,992

Ⓑ 7,400

Ⓒ 7,392

Ⓓ 6,292

6. Which product matches the shading on the grids?



Ⓐ 3.5 × 4

Ⓑ 0.35 × 3

Ⓒ 3.5 × 3

Ⓓ 0.35 × 4

7. Students at Jefferson Elementary School made $305 selling 21 equally priced boxes of candy. Which is the best estimate for the amount each box cost?

Ⓐ $20

Ⓑ $15

Ⓒ $10

Ⓓ $5

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8. Use mental math to find the value of $(10 \times 397.3) \div 10^3$.

Ⓐ 0.03973

Ⓑ 0.3973

Ⓒ 3.973

Ⓓ 39.73

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9. Steve and Juan are reading the same book, and Juan is about $\frac{1}{2}$ of the book ahead of Steve. Which of the following most likely represents the difference between how much of the book Juan has read and how much of the book Steve has read?

Ⓐ $\frac{8}{9} - \frac{11}{12}$

Ⓑ $\frac{6}{7} - \frac{1}{9}$

Ⓒ $\frac{15}{16} - \frac{3}{8}$

Ⓓ $\frac{3}{5} - \frac{6}{11}$

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10. Which is NOT a common denominator of $2\frac{2}{3}$ and $4\frac{1}{2}$?

Ⓐ 18

Ⓑ 12

Ⓒ 6

Ⓓ 3

11. Santiago makes 12 dozen cookies for a bake sale. He needs $\frac{3}{4}$ teaspoon of baking soda for each dozen. How many total teaspoons of baking soda will Santiago need?

Ⓐ $12\frac{3}{4}$ tsp

Ⓑ 12 tsp

Ⓒ 9 tsp

Ⓓ $8\frac{3}{4}$ tsp

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12. Amelia makes necklaces using beads and wire. She starts with 6 feet of wire. How many necklaces can she make?

Jewelry Projects	
Item	**Wire Required**
Bracelet	$\frac{1}{2}$ foot
Necklace	$\frac{1}{3}$ foot
Earring	$\frac{1}{6}$ foot

Ⓐ 18

Ⓑ 16

Ⓒ 36

Ⓓ 42