Name _____

Daily Common Core Review
8-4

1. Which is the product of $\frac{5}{18}$ and 6?

   A $\frac{5}{108}$

   B $1\frac{2}{3}$

   C $2\frac{1}{3}$

   D $6\frac{5}{18}$

2. Jenny spent 24 days at Grandma's house last summer. Her sister spent $\frac{3}{8}$ of that time at Grandma's. How many days did Jenny's sister spend at Grandma's house last summer?

   A 6

   B 9

   C 14

   D 64

3. Which decimal is greater than 2.234?

   A 2.03

   B 2.129

   C 2.13

   D 2.241

4. Rounding to the nearest tenth, select all the numbers that round to 21.8.

   - [x] 21.849
   - [ ] 21.749
   - [x] 21.761
   - [ ] 21.850
   - [ ] 21.708

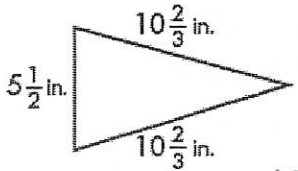
5. Ethan went to physical education class 72 times this year. He spent $\frac{3}{4}$ of those classes outside. How many of Ethan's physical education classes this year were held outside?

   54 classes

6. During $\frac{5}{8}$ of the 72 physical education classes, Ethan played games involving running. During how many of this year's physical education classes did Ethan have to run?

   45 classes

7. A school pennant is in the shape of an isosceles triangle. What is its perimeter?

   $26\frac{5}{6}$

8. The Computer Club spends $19.95 on mouse pads for new members. The mouse pads are $0.95 each. How many new members does the club have?

   21 members

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Name _____

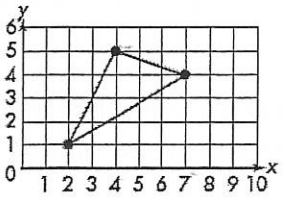
Daily Common Core Review
15-4

	x (S)	y (P)
1	3.5	2.5
2	7	5
3	10.5	7.5
4	14	10
5	17.5	12.5
6	21	15

1. Seth hiked 3.5 miles each hour, while David hiked 2.5 miles each hour. Ordered pairs were graphed of the total distance each boy hiked. The *x*-coordinate represents the total distance, in miles, Seth hiked, and the *y*-coordinate represents the total distance, in miles, David hiked. Select all of the ordered pairs that represent this relationship.

- [x] (7, 5)
- [ ] (14, 20)
- [ ] (10, 14)
- [x] (0, 0)
- [x] (21, 15)

2. Brian draws a triangle. What are the coordinates of the triangle's vertices?



A (1, 2); (5, 4); (4, 7)

B (1, 1); (5, 5); (4, 4)

C (2, 1); (4, 5); (7, 4)

D (2, 2); (2, 4); (3, 1)

3. A textbook cover measures $\frac{5}{6}$ foot by $\frac{2}{3}$ foot. What is the area of the book cover?

$\frac{5 \times 2}{6 \times 3} = \frac{10}{18}$ $\frac{10 \div 2}{18 \div 2} = \frac{5}{9}$

A $\frac{1}{6}$ square foot

B $\frac{5}{9}$ square foot

C $1\frac{1}{4}$ square foot

D $1\frac{1}{2}$ square foot

4. Write the power of 10 to multiply the divisor by to make it a whole number. Then, write the equivalent problem and find the quotient. $\times 10^2$

16.65 ÷ 0.37

45

$$\begin{array}{r} 45 \\ 37\overline{)1665} \\ -148 \\ \hline 185 \\ -185 \\ \hline 0 \end{array}$$

Marissa works in a bread shop. Every hour, she makes 5 loaves of bread and 3 dozen cinnamon rolls.

5. Complete the table.

Hours	Loaves of Bread	Dozens of Rolls
1	5	3
2	10	6
3	15	9
4	20	12
5	25	15
6	30	18

6. Describe the relationship between the dozens of cinnamon rolls and the number of loaves of bread that Marissa makes in the same number of hours.

For every hour she makes 2 more loaves than dozens of rolls.

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