Name _____

Daily Common Core Review
13-3

1. In which number is the value of the first 7 ten times as great as the value of the second 7?

   A 707,452
   B 770,452
   C 787,452
   D 870,742

   70,000 × 10 = 700,000

2. A teacher has 6 boxes of math books and 8 boxes of science books to put on shelves. Each box of math books has 20 books. Each box of science books has 30 books. Which of the following basic facts can the teacher use to help find the number of science books she will put on the shelves?

   A 6 × 2
   B 6 × 3
   C 8 × 2
   D 8 × 3

   M 20 ×6 Sci 30 ×8

3. James swam 30 laps on Monday, which is 3 times the number of laps he swam on Tuesday. How many laps did James swim on Tuesday?

   A 10 laps
   B 27 laps
   C 33 laps
   D 90 laps

M	30
T	10

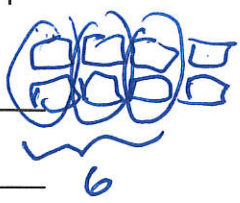
4. Which partial products would you add to find 234 × 5? Select all that apply.

   ☐ 2
   ☑ 20
   ☑ 150
   ☑ 1,000
   ☐ 10,000

   234 × 5 = 20 + 150 + 1000

5. Levi has a fish tank that holds 8 gallons of water. He wants to fill it so it is only $\frac{3}{4}$ full. How much water, in gallons, should Levi put in the fish tank? Explain.

   $\frac{1}{4}$ of 8 = 2
   $\frac{3}{4}$ of 8
   $\frac{3}{4} \times 8 = \frac{24}{4} = 6$ gallons

   
   6

6. Jasmine has a 2-gallon bucket. How many 1-quart containers will it take to fill Jasmine's bucket?

   4 qt = 1 gal
   2 gal × 4 qt per gal = 8 quarts

7. Amanda wants to add 6,732 and 4,975. How could Amanda use mental math to add the numbers? Is Amanda's answer correct? Explain.

   Amanda's Work
   6,732 + 4,975 = 11,707

   6000 + 4000 = 10,000
   970 + 730 = 1,700
   2 + 5 = 7
   11,707

Name _____

Daily Common Core Review
13-4

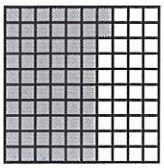
1. How many ounces are in 8 pounds?

16oz = 1lb

4 lb × 8 = 128

A 8 ounces
B 16 ounces
C 128 ounces
D 800 ounces

2. Which represents the shaded portion on the grid?



A 6.2
B 0.62
C 0.062
D 0.0062

3. Which is **NOT** equivalent to $1\frac{1}{4}$?

A $1+\frac{1}{4}$
B $\frac{1}{4}+\frac{1}{4}+\frac{3}{4}$
C $\frac{4}{4}+\frac{1}{4}$
D $\frac{5}{4}+\frac{1}{4}$ = $\frac{6}{4}=1\frac{2}{4}$

4. Select all the true comparisons.

- [x] $\frac{1}{2} > \frac{1}{3}$
- [x] $\frac{2}{4} = \frac{3}{6}$
- [ ] $\frac{4}{8} < \frac{5}{10}$ =
- [x] $\frac{6}{12} > \frac{1}{3}$
- [ ] $\frac{2}{4} < \frac{6}{12}$ =

5. Last year, Brendan's father traveled 9 weeks for work. How many days did Brendan's father travel last year? Write and solve an equation.

9 wks × 7 per wk

$9 \times 7 = 63$ days

6. Jessica burned 589 calories hiking for 3 hours. Use compatible numbers to estimate about how many calories Jessica burned each hour.

589 → 600

600 ÷ 3 = 200

about 200 calories per hour

7. List the partial products when finding 16 × 22. Then find the final product.

352

16 × 22

12 = 2 × 6
20 = 2 × 10
120 = 20 × 6
200 = 20 × 10

8. Complete the table.

Feet	Inches
1	12
2	24
3	36
4	48
$4\frac{1}{2}$	54

9. Find the sum.

$\frac{35}{100}+\frac{5}{10} = \frac{35}{100}+\frac{50}{100} = \frac{85}{100}$