Name _____

Reteach to Build Understanding
5-7

Vocabulary

1. You can use **estimation,** or find an approximate value for 165 ÷ 4.

Estimate the quotient. How many 4s are in 165?
Estimate:

4 × 30 = 120 4 × 40 = 160 4 × 50 = 200

Which estimate is closest to, but not greater than, the dividend? 40

165 ÷ 4 is about 40

Use estimation and partial products to find 2,458 ÷ 5.

2. How many 5s are in 2,458?
Estimate:

5 × 300 = 1500
5 × 400 = 2000
5 × ~~500~~ = 2500

500 is too many. Use 400.

How many 5s are in 458?
Estimate:

5 × 80 = 400
5 × 90 = 450
5 × 100 = 500

~~400~~ is too many. Use 90.

How many 5s are in 8?
Estimate:

5 × 1 = 5
5 × ~~2~~ = 10

~~2~~ is too many. Use 1.

The remainder, 3 is less than the divisor, 5, so there are no more 5s in 2,458.

2,458 ÷ 5 = 491 r3

```
          1
        9 0   } partial quotients
      4 0 0
   5)2, 4 5 8
   − 2, 0 0 0
     4 5 8
    −4 5 0
       8
      − 5
       3
```

On the Back!

3. Use partial quotients to divide 498 ÷ 6.

3. On the Back!

$498 \div 6$

$6 \times 70 = 420$

$6 \times 80 = 480$

$6 \times 90 = 540$

$$
\begin{array}{r|l}
 & 83 \\
\hline
6 & 498 \\
-480 & = 6 \times 80 \\
\hline
18 & \\
-18 & = 6 \times 3 \\
\hline
0 &
\end{array}
$$

80 } 3

Name _____

Daily Common Core Review
5-7

1. Taylor rides her bicycle 108 miles each week. How many miles does Taylor ride in 4 weeks?

A 408 miles

B 412 miles

C 422 miles

D 432 miles

$$\begin{array}{r} {}^{3} \\ 108 \\ \times\ 4 \\ \hline 432 \end{array}$$

2. Which place should you use to compare the following numbers?

394,162 and 389,440

A hundreds

B thousands

C ten thousands

D hundred thousands

3. Tia practiced spelling 1,200 words in 4 weeks for a spelling bee. She practiced the same number of words each week. How many words did Tia practice each week?

$4 \times 300 = 1200$

A 300 words

B 600 words

C 3,000 words

D 4,800 words

4. Which partial products are needed to find the final product? Select all that apply.

- ☐ 8
- ☒ 16
- ☐ 18
- ☒ 80
- ☒ 100

$$\begin{array}{r} 18 \\ \times\ 12 \\ \hline 16 = 2 \times 8 \\ 20 = 2 \times 10 \\ 80 = 10 \times 8 \\ +\ 100 = 10 \times 10 \\ \hline 216 \end{array}$$

5. Use compatible numbers to estimate $132 \div 7$. Explain your reasoning.

$132 \div 7$

$140 \div 7 = 20$

14 and 2 are compatible

6. Stacy works 22 hours per week. Daniel works 26 hours per week. How many more hours does Daniel work than Stacy in 6 weeks? Show how you solved the problem.

(S) $22 \times 6 = 132$

(D) $26 \times 6 = 156$

$156 - 132 = 24$ more hours

or

$26 - 22 = 4$ hr more per wk

$4 \times 6 \text{ weeks} = 24$

7. The total cost of a washing machine and a clothes dryer is $2,480. The cost of the clothes dryer is $899. Write and solve an equation to find the cost of the washing machine.

$\$2480 - \$899 = \$1581$

(washer + dryer cost) − (dryer cost) = (washer cost)

$$\begin{array}{r} {}^{13}{}^{17} \\ 2480 \\ -\ 899 \\ \hline 1581 \end{array}$$