

Good Morning

- Unpack - Check Mail

give me paper work - Late work in Basket.

- Bags put away

- Begin working on pgs 31-36 Math

x

Name _____

Chapter Review

1. Choose the numbers that make the sentence true.

Using compatible numbers, the quotient of $2,150 \div 43$

is between

40 and 50
400 and 500
<u>50 and 60</u>
500 and 600

$$2150 \div 43$$

$$\downarrow$$

$$\underline{2000} \div \underline{40} = \underline{500}$$

$$21 \overline{) 20424}$$

$$\cancel{2000} \div \cancel{40} = \cancel{500}$$

$$\cancel{2400} \div \cancel{40} = \cancel{600}$$

2. For 2a–2d, select True or False to indicate whether the product is correct.

2a. $2,546 \times 78 = 198,588$

☒ True ☐ False

2b. $154 \times 289 = 44,506$

☒ True ☐ False

2c. $98 \times 76 = 76,448$

☐ True ☒ False

2d. $6,439 \times 821 = 528,649$

☐ True ☒ False

100x76 only 7600

3. Divide. Use partial quotients. Show your work.

$31,158 \div 24$

$\begin{array}{r} \times 10 \quad 240 \\ \times 5 \quad 120 \\ \times 2 \quad 48 \\ \hline \end{array}$	$\begin{array}{r} 24 \overline{) 31158} \\ \underline{24000} \\ 7158 \\ \underline{4800} \\ 2358 \\ \underline{2160} \\ 198 \\ \underline{168} \\ 30 \\ \underline{24} \\ 6 \end{array}$	<p>1000</p> <p>200</p> <p>90</p> <p>7</p> <p>11</p>
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1298 R6

$$\begin{array}{r} 6439 \\ \times 821 \\ \hline 128780 \\ 5151200 \\ \hline \end{array}$$

5 million

5m

$$\begin{array}{r} \times 78 \\ 2546 \\ \hline 1782 \\ 19858 \\ \hline \end{array}$$

$$\begin{array}{r} 289 \\ \times 154 \\ \hline 1156 \\ 14450 \\ + 28900 \\ \hline 44506 \end{array}$$

4. Estimate the quotient of $42,576 \div 68$.

4a. Show how you use compatible numbers to get two estimates.

4b. Explain how you know which is the better estimate.

42 is closer

$$42576 \div 68$$

$$71421 \dots 4249$$

$$*42000 \div 70 = 600$$

$$49000 \div 70 = 700$$

70

5. Estimate. Then find the product.

Estimate: _____

$$\begin{array}{r} 5,601 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \quad 2 \quad 3 \quad 4 \\ 90 \times 6000 = \\ 54.0000 \end{array}$$

6. Jeffery wants to save the same amount of money each week to buy a new bike. He needs \$252. If he wants the bike in 14 weeks, how much money should Jeffery save each week?

\$ 18

$$\begin{array}{r} \$18 \\ 14 \overline{) 252} \\ \underline{-14} \\ 112 \\ \underline{-112} \\ 0 \end{array}$$

7. Sofia built a block tower that was 1,006 millimeters tall. The height of each block was 22 millimeters. About how many blocks did Sofia use?

about 50 blocks

$$1006 \div 22$$

$$\underline{1000} \div \underline{20}$$

50

Name _____

8. Darnel divided 575 by 14 by using partial quotients. What is the quotient? Explain your answer using numbers and words.

$$\begin{array}{r}
 14 \overline{) 575} \\
 \underline{-140} \quad 10 \times 14 \quad 10 \\
 435 \\
 \underline{-280} \quad 20 \times 14 \quad 20 \\
 155 \\
 \underline{-140} \quad 10 \times 14 \quad 10 \\
 15 \\
 \underline{14} \quad 1 + \\
 1
 \end{array}$$

41 R 1

$$\begin{array}{l}
 \times 10 - 140 \\
 \times 5 - 70 \\
 \times 2 - 28
 \end{array}$$

$$\begin{array}{r}
 28 \\
 5 \\
 \hline
 140
 \end{array}$$

$$\begin{array}{r}
 155 \\
 61 \overline{) 9457} \\
 \underline{-61} \\
 335 \\
 \underline{-305} \\
 307 \\
 \underline{-305} \\
 2
 \end{array}$$

9. For 9a-9c, choose Yes or No to indicate whether the statement is correct.

- 9a. $623 \div 17$ is $36\frac{11}{17}$. ☒ Yes ☐ No
- 9b. $9,457 \div 61$ is $155\frac{2}{61}$. ☒ Yes ☐ No
- 9c. $13,657 \div 28$ is $177\frac{1}{8}$. ☐ Yes ☒ No

Nonsense

10. Divide. Draw a quick picture.

$156 \div 12 = 13$

$\square = 100 \quad | = 10 \quad \bullet = 1$



$$\begin{array}{r}
 36 \\
 17 \overline{) 623} \\
 \underline{51} \\
 113 \\
 \underline{-102} \\
 11
 \end{array}$$

$$\begin{array}{r}
 13 \\
 12 \overline{) 156} \\
 \underline{156} \\
 0
 \end{array}$$

13 groups of 12

$$\begin{array}{r}
 487 \\
 28 \overline{) 13657} \\
 \underline{-112} \\
 245 \\
 \underline{-224} \\
 217 \\
 \underline{-196} \\
 21
 \end{array}$$

11. There are 165 students at theater camp. There are 11 groups. If the same number of students is in each group, how many students are in each group?
Draw a quick picture to solve.



165 students

12. Choose the compatible numbers that will give the best estimate for $429 \div 36$.

<input type="radio"/> 300	<input type="radio"/> 60
<input type="radio"/> 350	<input type="radio"/> 50
<input checked="" type="radio"/> 440	<input checked="" type="radio"/> 40

$$429 \div 36$$

$$\downarrow$$

$$440 \div 40$$

$$41 - 481216 \dots \dots (40)(44)$$

13. Raquelle earns \$16 per hour. For 13a-13d, select True or False for each statement

13a. Raquelle earns \$46 for 30 hours of work.

☐ True ☒ False

NONSENSE

13b. Raquelle earns \$384 for 24 hours of work.

☒ True ☐ False

13c. After she has worked 168 hours, Raquelle will have earned \$672.

☐ True ☒ False

Non sense

13d. If she works 1,397 hours this year, she will make \$22,352.

☒ True ☐ False

$$\begin{array}{r} 15 \\ 11 \overline{) 165} \\ \underline{11} \\ 55 \\ \underline{55} \\ 0 \end{array}$$

15 groups of 11.

$$2 \times 3 = 6$$

$$6 \div 3 = 2$$

$$\begin{array}{r} 44 \\ 168 \\ \times 16 \\ \hline 1008 \\ +1680 \\ \hline 2688 \end{array}$$

$$\begin{array}{r} 24 \\ \times 16 \\ \hline 144 \\ +240 \\ \hline 384 \end{array}$$

$$\begin{array}{r} 1397 \\ \times 16 \\ \hline 8382 \\ +13970 \\ \hline 22352 \end{array}$$

14. Lindsey earns \$33 per day at her part-time job. Complete the table to show the total amount Lindsey earns.

Lindsey's Earnings	
Number of Days	Total Amount
3	99
8	264
14	462

$$\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array} \quad \begin{array}{r} 33 \\ \times 8 \\ \hline 264 \end{array} \quad \begin{array}{r} 33 \\ \times 14 \\ \hline 12 \\ 120 \\ 30 \\ \hline 462 \end{array}$$

15. Write the letter for each quick picture under the division problem it represents.

A 12 groups 12

B 13 groups 12

14 groups 12

$156 \div 12 = 13$

$168 \div 12 = 14$

$144 \div 12 = 12$

$$\begin{array}{r} 99 \\ + 264 \\ \hline 462 \end{array} \quad \begin{array}{r} 99 \\ + 8 \\ \hline 107 \\ + 14 \\ \hline 121 \end{array}$$

16. Jean Claude's factory produces 1,840 cases of pencils daily. How many cases can the factory produce in 180 days?

$$\underline{331,200} \text{ pencils}$$

17. Rasheed needs to save \$231. To earn money, he plans to wash cars and charge \$12 per car. Write two estimates Rasheed could use to determine how many cars he needs to wash.

$$\begin{array}{l} \underline{231 \div 12} \\ \checkmark \underline{200 \div 10 = 20} \\ \underline{300 \div 10 = 30} \end{array} \text{ or } \begin{array}{l} \underline{231 \div 12} \\ \underline{120 \div 12 = 10} \\ \checkmark \underline{240 \div 12 = 20} \end{array}$$

$$\begin{array}{r} 1840 \\ \times 180 \\ \hline 147200 \\ + 184000 \\ \hline 331200 \end{array}$$

18. Shiloh tracks her sleeping patterns and finds that she sleeps an average of 479 minutes each night.

- 18a. How many minutes of sleep does she get in 4 weeks?

$$\underline{13,412} \text{ minutes}$$

- 18b. About how many hours is this? (Hint: There are 60 minutes in a hour.)

$$\text{about } \underline{200} \text{ hours}$$

$$\begin{array}{l} 13412 \div 60 \\ 12000 \div 60 \end{array}$$

19. The Pico family made 24,784 ounces of vinegar. The vinegar is packaged into 16-ounce bottles. How many bottles of vinegar can they fill?

$$\underline{1549} \text{ bottles}$$

$$\begin{array}{r} \textcircled{1549} \\ 16 \overline{) 24784} \\ \underline{16} \\ 87 \\ \underline{-80} \\ 78 \\ \underline{-64} \\ 144 \\ \underline{-144} \\ 0 \end{array}$$

$$\begin{array}{r} 479 \\ \times 28 \\ \hline 3832 \\ + 9580 \\ \hline 13412 \end{array}$$

