

Name _____

Chapter Review

1. Choose the word that makes the sentence true.

For an estimate of the quotient of $1,875 \div 9$,

the first digit will be in the _____ place.

ones

tens

hundreds

thousands

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

2a. $12,567 \div 45 = 279\frac{12}{45}$ ☐ True ☐ False

2b. $6,004 \div 36 = 166\frac{28}{36}$ ☐ True ☐ False

2c. $61,809 \div 27 = 2,289\frac{6}{27}$ ☐ True ☐ False

2d. $4,958 \div 63 = 708\frac{44}{63}$ ☐ True ☐ False

3. Chen is checking a division problem by doing the following:

$$\begin{array}{r} 152 \\ \times 4 \\ \hline \\ + 2 \\ \hline \end{array}$$

What problem is Chen checking?

4. Isaiah wrote this problem in his notebook. Using the vocabulary boxes, label the parts of the division problem. Then using the vocabulary, explain how Isaiah can check whether his quotient is correct.

quotient

divisor

dividend

$$\begin{array}{r} 72 \\ 9 \overline{)648} \end{array}$$

5. Tammy says the quotient of $793 \div 6$ is $132\frac{1}{6}$. Use multiplication to show if Tammy's answer is correct.

6. A city has 25,967 bins for recycling paper. It gives each of the 89 schools in the city the same number of bins.

6a. How many bins does each school get? _____ bins

6b. How many bins are left over? _____ bins left over

7. Dana is making a seating chart for an awards banquet. There are 184 people coming to the banquet. If 8 people can be seated at each table, how many tables will be needed for the awards banquet?

_____ tables

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8. Carlos, Vern, and Georgia go to pick strawberries. Carlos picks 3 times as many pounds as Vern. Georgia picked 5 times as many pounds as Vern. Together, Carlos and Georgia picks 16 pounds of strawberries.

8a. Draw a diagram to represent the situation.

8b. How many pounds of strawberries did each person pick?

Carlos: _____ pounds

Vern: _____ pounds

Georgia: _____ pounds

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

9a. $5,210 \div 17$ is $306\frac{8}{17}$. ☐ Yes ☐ No

9b. $8,808 \div 42$ is $209\frac{30}{42}$. ☐ Yes ☐ No

9c. $1,248 \div 24$ is 51. ☐ Yes ☐ No

10. Draw a bar model to represent the equation. Then solve.

10a. $4d = 124$

$d =$ _____

10b. $a \div 3 = 16$

$a =$ _____

11. Divide. Show your work.

$17 \overline{)5,210}$

12. Tempest wants to buy a new camera. She wants to save enough money each month to buy it in 7 months. She saves \$46 each month. Write an equation and solve to find the cost c of the camera.

13. Samuel needs 233 feet of wood to build a fence. The wood comes in lengths of 11 feet.

Part A

How many total pieces of wood will Samuel need? Explain your answer.

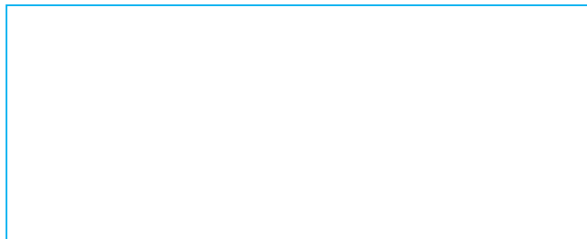
Part B

Theresa needs twice as many feet of wood as Samuel. How many pieces of wood does Theresa need? Explain your answer.

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14. Russ and Vickie are trying to solve this problem:
There are 146 students taking buses to the museum. If each bus holds 24 students, how many buses will they need?

Russ says the students need 6 buses. Vickie says they need 7 buses.
Who is correct? Explain your reasoning.



15. Lashondra's playlist has 9 times as many songs as Harriette's playlist. Velora has 7 times as many songs on her playlist as Harriette does. If they combined their playlists, they would have 986 songs.

15a. Draw a diagram to represent the situation.

- 15b. How many songs does each playlist contain?

Lashondra's playlist: _____ songs

Harriette's playlist: _____ songs

Velora's playlist: _____ songs

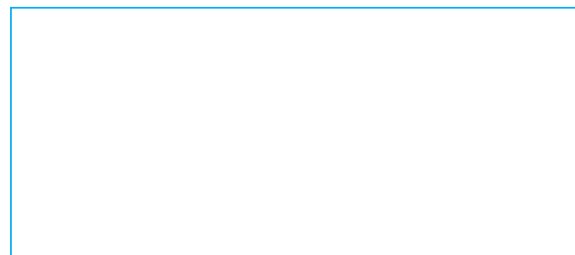
16. Steve is buying apples for the fifth grade. Each bag holds 12 apples.
If there are 75 students total, how many bags of apples will Steve need to buy if he wants to give one apple to each student?

_____ bags

17. Keona gathers 144 old family photos and puts them into an album. Each page of the album holds 6 photos. Write an equation and solve to find the number of pages p that he fills in the album.

18. Paula has a dog that weighs 3 times as much as Carla's dog.
The total weight of the dogs is 48 pounds. How much does Paula's dog weigh?

Draw a diagram to find the weight of Paula's dog.



19. Dylan estimates the first digit in the quotient.

$$\begin{array}{r} 6 \\ 46 \overline{)3,662} \end{array}$$

Dylan's estimate is

| |
|-----------|
| too high. |
| too low |

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