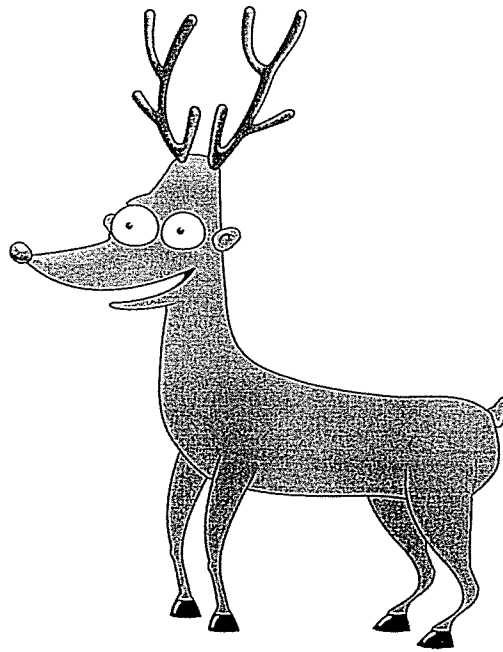


5th Grade Math

Week of December 14 - December 18, 2020

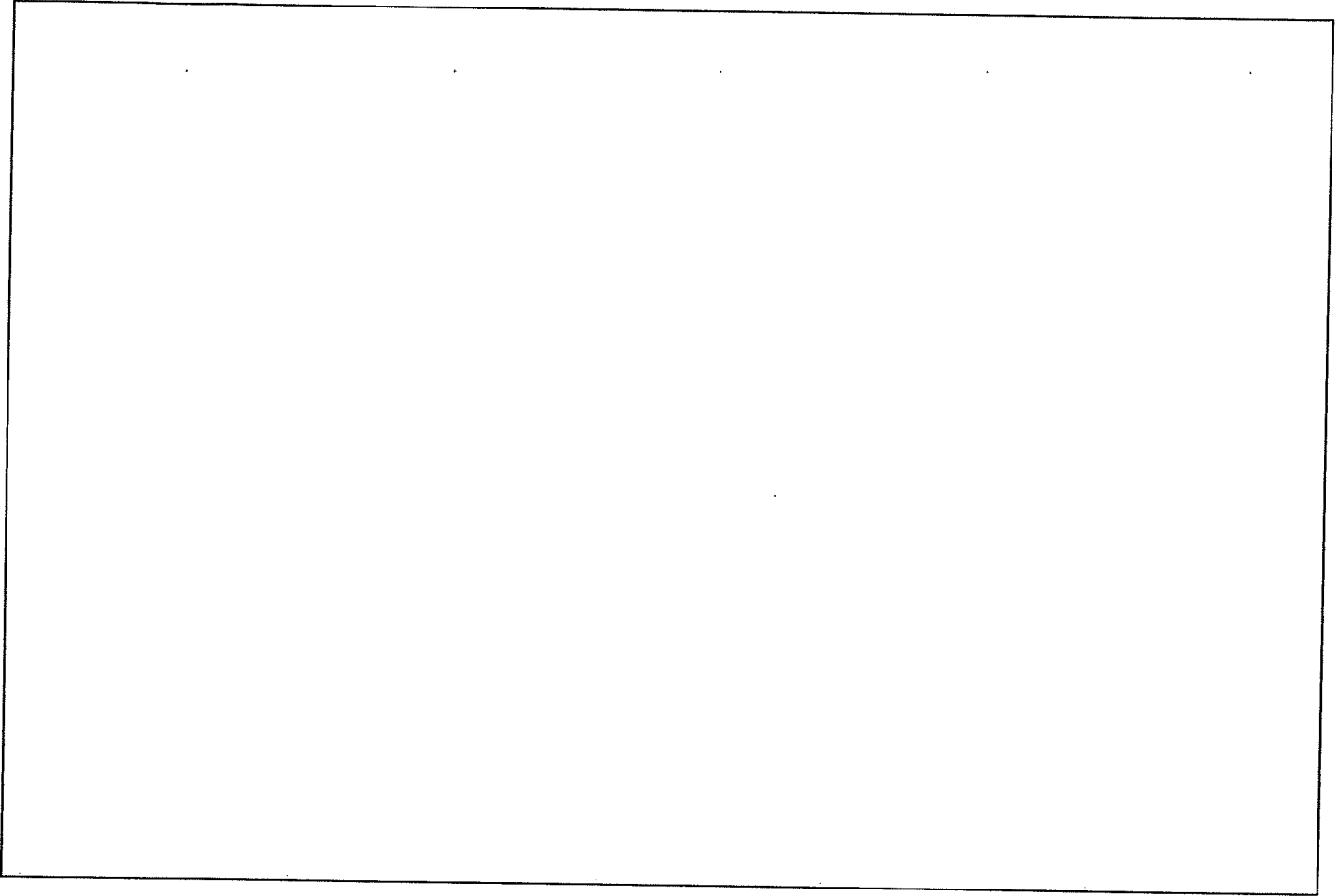


Name _____

* Please do not complete until advised by teacher*

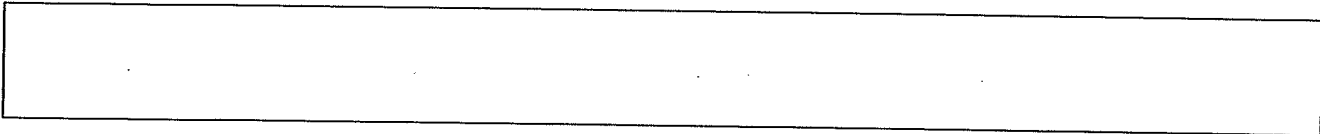
December 14, 2020

Ricardo bought a pair of shoes for \$55.60 and a hat for \$9.78. How much did he spend in all? If he paid with 4 twenty-dollar bills, how much change did he get?

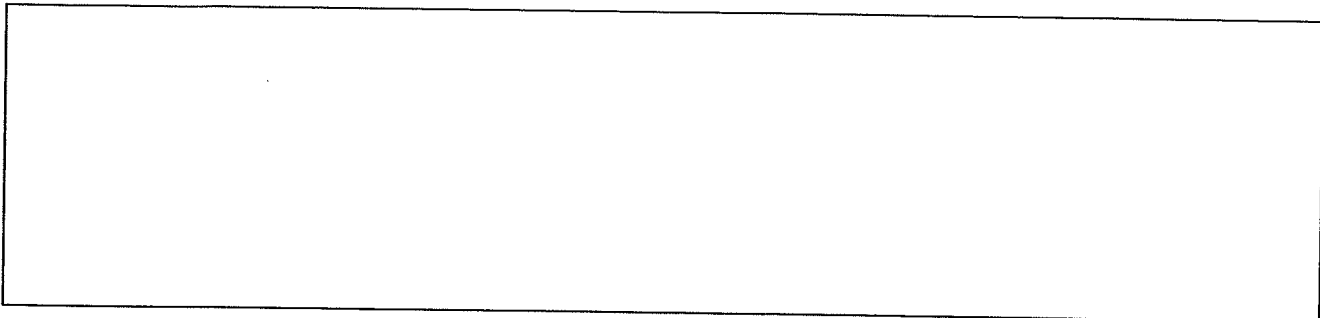


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Monday, 12/14/20

Exit Ticket Lesson 5-4

Divide.

1. $875 \div 25$

2. $1,430 \div 65$

Name : _____

Score : _____

Teacher : _____

Date : _____

A

Find the Missing Addends.

1) $\underline{\quad} + 9 = 11$

Answer = _____

2) $\underline{\quad} + 3 = 9$

Answer = _____

3) $3 + \underline{\quad} = 5$

Answer = _____

4) $7 + \underline{\quad} = 11$

Answer = _____

5) $\underline{\quad} + 7 = 12$

Answer = _____

6) $1 + \underline{\quad} = 11$

Answer = _____

7) $\underline{\quad} + 7 = 16$

Answer = _____

8) $9 + \underline{\quad} = 10$

Answer = _____

9) $1 + \underline{\quad} = 7$

Answer = _____

10) $7 + \underline{\quad} = 17$

Answer = _____

11) $\underline{\quad} + 10 = 19$

Answer = _____

12) $8 + \underline{\quad} = 16$

Answer = _____

13) $\underline{\quad} + 7 = 17$

Answer = _____

14) $7 + \underline{\quad} = 13$

Answer = _____

15) $5 + \underline{\quad} = 8$

Answer = _____

16) $1 + \underline{\quad} = 4$

Answer = _____

17) $\underline{\quad} + 1 = 6$

Answer = _____

18) $5 + \underline{\quad} = 12$

Answer = _____

19) $8 + \underline{\quad} = 17$

Answer = _____

20) $2 + \underline{\quad} = 6$

Answer = _____

Name : _____ Score : _____

Teacher : _____ Date : _____

B

Find the Missing Addends.

1) $10 + \underline{\quad} = 18$ Answer = _____ 2) $\underline{\quad} + 6 = 11$ Answer = _____

3) $\underline{\quad} + 7 = 16$ Answer = _____ 4) $2 + \underline{\quad} = 7$ Answer = _____

5) $\underline{\quad} + 8 = 12$ Answer = _____ 6) $\underline{\quad} + 9 = 10$ Answer = _____

7) $\underline{\quad} + 5 = 13$ Answer = _____ 8) $3 + \underline{\quad} = 12$ Answer = _____

9) $\underline{\quad} + 8 = 18$ Answer = _____ 10) $3 + \underline{\quad} = 8$ Answer = _____

11) $3 + \underline{\quad} = 8$ Answer = _____ 12) $7 + \underline{\quad} = 10$ Answer = _____

13) $9 + \underline{\quad} = 13$ Answer = _____ 14) $3 + \underline{\quad} = 6$ Answer = _____

15) $\underline{\quad} + 7 = 12$ Answer = _____ 16) $2 + \underline{\quad} = 8$ Answer = _____

17) $5 + \underline{\quad} = 6$ Answer = _____ 18) $\underline{\quad} + 8 = 11$ Answer = _____

19) $\underline{\quad} + 7 = 10$ Answer = _____ 20) $\underline{\quad} + 8 = 9$ Answer = _____

Name _____



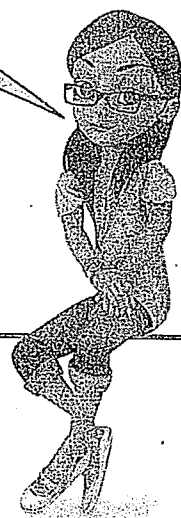
Additional Practice 5-4
Use Partial Quotients to Divide

Another Look!

A baker made 312 bagels in one day. If he puts 12 bagels in each package, how many packages did he make that day?

$$\begin{array}{r}
 6 \\
 20 \\
 12 \overline{)312} \\
 \underline{-240} \quad 20 \text{ groups of } 12 = 240 \\
 72 \\
 \underline{-72} \quad 6 \text{ groups of } 12 = 72 \\
 0 \quad 0 \text{ left over}
 \end{array}$$

You can use multiplication to check your answer.



Add the partial quotients: $20 + 6 = 26$.
 So, the baker made 26 packages of bagels.

Leveled Practice In 1–13, use partial quotients to divide. Show your work.

1.
$$\begin{array}{r}
 \square \\
 \square \\
 21 \overline{)714} \\
 \underline{-630} \quad \square \text{ groups of } 21 = 630 \\
 84 \\
 \underline{-84} \quad \square \text{ groups of } 21 = 84 \\
 0 \quad \square \text{ left over}
 \end{array}$$

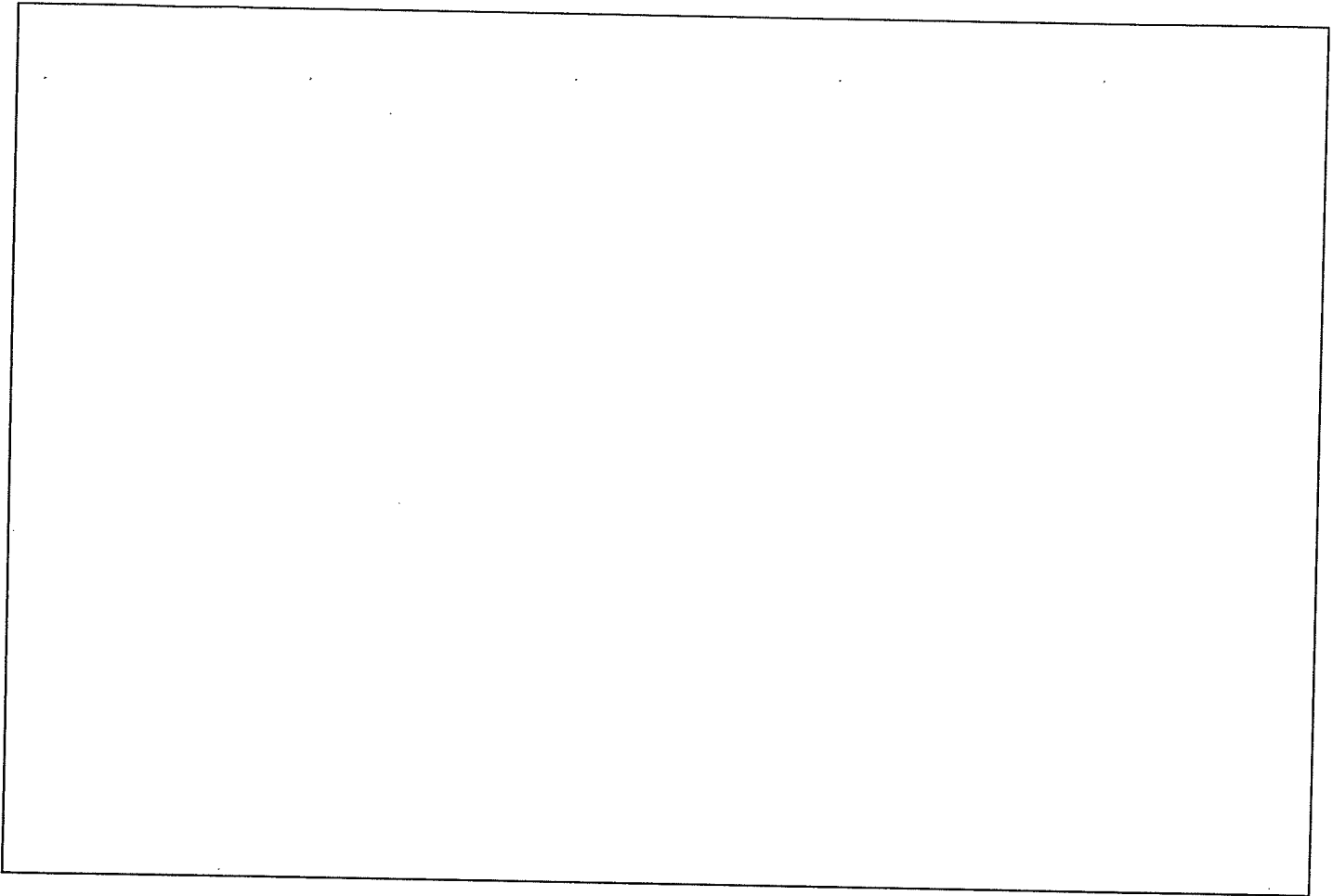
Add the partial quotients: $\square + \square = \square$.
 So, $714 \div 21 = \underline{\quad}$.

- | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| 2. $41 \overline{)533}$ | 3. $15 \overline{)344}$ | 4. $39 \overline{)780}$ | 5. $50 \overline{)700}$ |
| 6. $11 \overline{)801}$ | 7. $24 \overline{)648}$ | 8. $33 \overline{)396}$ | 9. $17 \overline{)763}$ |
| 10. $23 \overline{)920}$ | 11. $30 \overline{)810}$ | 12. $16 \overline{)469}$ | 13. $53 \overline{)954}$ |

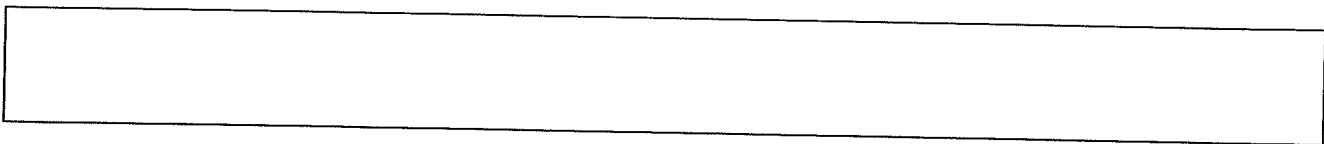


December 15, 2020

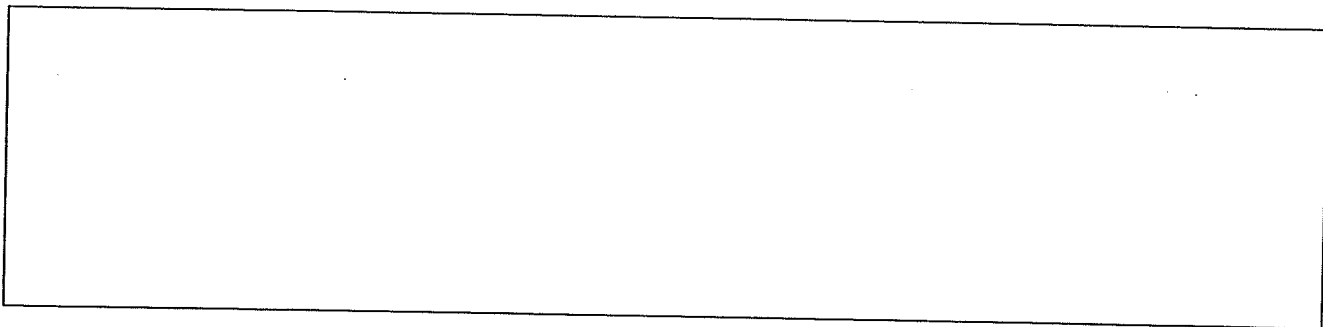
Lawrence spent \$1.89 on a bottle of paint and \$0.45 on a brush. How much change will he receive if he pays with a 5 dollar bill?



Equation that matches your work:



Explain your thinking:



Tuesday, 12/15/20

Exit Ticket

Lesson 5-5

Divide.

1. $375 \div 40$

2. $975 \div 72$

Name : _____

Score : _____

Teacher : _____

Date : _____

A

Find the Missing Addends.

1) $\underline{\quad} + 7 = 14$

Answer = _____

2) $2 + \underline{\quad} = 12$

Answer = _____

3) $\underline{\quad} + 5 = 9$

Answer = _____

4) $\underline{\quad} + 5 = 13$

Answer = _____

5) $9 + \underline{\quad} = 11$

Answer = _____

6) $7 + \underline{\quad} = 8$

Answer = _____

7) $5 + \underline{\quad} = 7$

Answer = _____

8) $10 + \underline{\quad} = 12$

Answer = _____

9) $\underline{\quad} + 8 = 11$

Answer = _____

10) $2 + \underline{\quad} = 10$

Answer = _____

11) $4 + \underline{\quad} = 14$

Answer = _____

12) $8 + \underline{\quad} = 16$

Answer = _____

13) $6 + \underline{\quad} = 10$

Answer = _____

14) $10 + \underline{\quad} = 16$

Answer = _____

15) $\underline{\quad} + 2 = 12$

Answer = _____

16) $\underline{\quad} + 7 = 9$

Answer = _____

17) $\underline{\quad} + 7 = 8$

Answer = _____

18) $2 + \underline{\quad} = 4$

Answer = _____

19) $\underline{\quad} + 5 = 6$

Answer = _____

20) $\underline{\quad} + 9 = 19$

Answer = _____



Name : _____ Score : _____

Teacher : _____ Date : _____

B

Find the Missing Addends.

1) $10 + \underline{\quad} = 11$ Answer = _____ 2) $10 + \underline{\quad} = 11$ Answer = _____

3) $\underline{\quad} + 1 = 9$ Answer = _____ 4) $\underline{\quad} + 6 = 10$ Answer = _____

5) $4 + \underline{\quad} = 12$ Answer = _____ 6) $\underline{\quad} + 10 = 16$ Answer = _____

7) $\underline{\quad} + 10 = 19$ Answer = _____ 8) $8 + \underline{\quad} = 10$ Answer = _____

9) $3 + \underline{\quad} = 11$ Answer = _____ 10) $\underline{\quad} + 1 = 9$ Answer = _____

11) $\underline{\quad} + 9 = 11$ Answer = _____ 12) $10 + \underline{\quad} = 20$ Answer = _____

13) $6 + \underline{\quad} = 8$ Answer = _____ 14) $\underline{\quad} + 1 = 10$ Answer = _____

15) $\underline{\quad} + 7 = 15$ Answer = _____ 16) $\underline{\quad} + 3 = 6$ Answer = _____

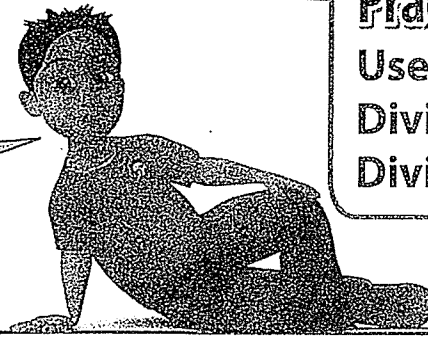
17) $\underline{\quad} + 9 = 10$ Answer = _____ 18) $6 + \underline{\quad} = 8$ Answer = _____

19) $7 + \underline{\quad} = 10$ Answer = _____ 20) $7 + \underline{\quad} = 12$ Answer = _____

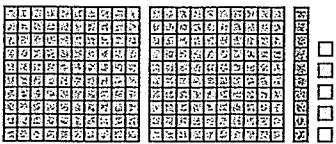
Additional Practice 5-5
Use Sharing to Divide: Two-Digit Divisors

Another Look!

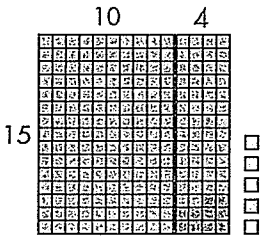
Bo has 215 baseball cards to divide equally among 15 friends. How many cards will each friend get? Will there be any cards left?



Model with place-value blocks.



Regroup the blocks.



$15 \times 10 = 150$ $15 \times 4 = 60$
 $215 - 150 = 65$ $65 - 60 = 5$ left over

$$\begin{array}{r}
 14 \\
 15 \overline{)215} \\
 \underline{-150} \\
 65 \\
 \underline{-60} \\
 5
 \end{array}$$

21 tens \div 15 equal groups = 1 ten in each group
 15 groups of 10 = 150
 65 ones \div 15 equal groups = 4 ones in each group
 15 groups of 4 = 60
 5 cards left over

$215 \div 15 = 14 \text{ R}5$ because $15 \times 14 + 5 = 215$.

Each friend will get 14 cards, with 5 cards left over.

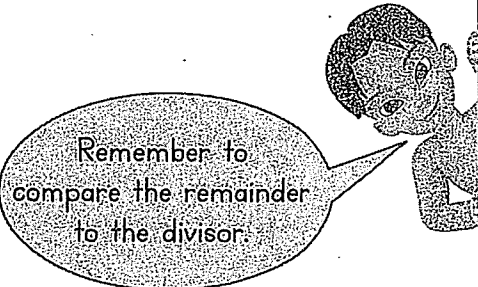
Leveled Practice In 1–8, find the quotient.

1. $\square\square \text{ R } \square$

$$\begin{array}{r}
 \square\square \\
 19 \overline{)359} \\
 \underline{-\square\square} \\
 \square\square \\
 \underline{-\square\square} \\
 \square\square
 \end{array}$$

2. $\square\square$

$$\begin{array}{r}
 \square\square \\
 32 \overline{)512} \\
 \underline{-\square\square} \\
 \square\square \\
 \underline{-\square\square} \\
 \square
 \end{array}$$



3. $43 \overline{)746}$

4. $22 \overline{)800}$

5. $70 \overline{)632}$

6. $62 \overline{)779}$

7. $40 \overline{)920}$

8. $29 \overline{)332}$

December 16, 2020

Amber bought a hardcover book for \$23.70 and paperback for \$6.91. How much did she spend in all? If she paid with 2 twenty-dollar bills, how much change did she get?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Wednesday, 12/16/20

Exit Ticket

Lesson 5-6

Divide.

1. $5,092 \div 38$

2. $4,839 \div 15$

Name : _____ Score : _____

Teacher : _____ Date : _____

A

$1) 94 - 85 =$

$2) 19 - 18 =$

$3) 93 - 74 =$

$4) 63 - 18 =$

$5) 17 - 15 =$

$6) 92 - 26 =$

$7) 83 - 13 =$

$8) 66 - 57 =$

$9) 45 - 8 =$

$10) 31 - 10 =$

$11) 57 - 34 =$

$12) 99 - 74 =$

$13) 32 - 25 =$

$14) 55 - 15 =$

$15) 81 - 66 =$

$16) 97 - 52 =$

$17) 73 - 51 =$

$18) 83 - 17 =$

$19) 39 - 23 =$

$20) 39 - 31 =$



Name : _____ Score : _____

Teacher : _____ Date : _____

B

$1) 86 - 63 =$

$2) 86 - 62 =$

$3) 26 - 17 =$

$4) 91 - 39 =$

$5) 58 - 5 =$

$6) 84 - 2 =$

$7) 78 - 74 =$

$8) 91 - 10 =$

$9) 99 - 27 =$

$10) 61 - 17 =$

$11) 69 - 44 =$

$12) 49 - 12 =$

$13) 90 - 27 =$

$14) 43 - 40 =$

$15) 64 - 0 =$

$16) 78 - 19 =$

$17) 77 - 53 =$

$18) 90 - 88 =$

$19) 17 - 14 =$

$20) 44 - 0 =$



Name _____



Additional Practice 5-6

Use Sharing to Divide: Greater Dividends

Another Look!

Find $5,890 \div 65$.

$$\begin{array}{r} 90 \\ 65 \overline{)5,890} \\ \underline{-5,850} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

589 tens divided into 65 equal groups is 9 tens in each group
65 groups of 90 = 5,850
40 40 left over
 $5,890 \div 65 = 90 \text{ R}40$ because $65 \times 90 + 40 = 5,890$.

You can use place-value blocks to model the division if you need help.



In 1–12, find the quotient. Use place-value blocks or an area model if you need help.

1. $11 \overline{)2,014}$

2. $34 \overline{)7,006}$

3. $70 \overline{)5,591}$

4. $1,620 \div 18$

5. $4,400 \div 30$

6. $8,899 \div 61$

7. $40 \overline{)8,175}$

8. $28 \overline{)770}$

9. $14 \overline{)1,726}$

10. $75 \overline{)688}$

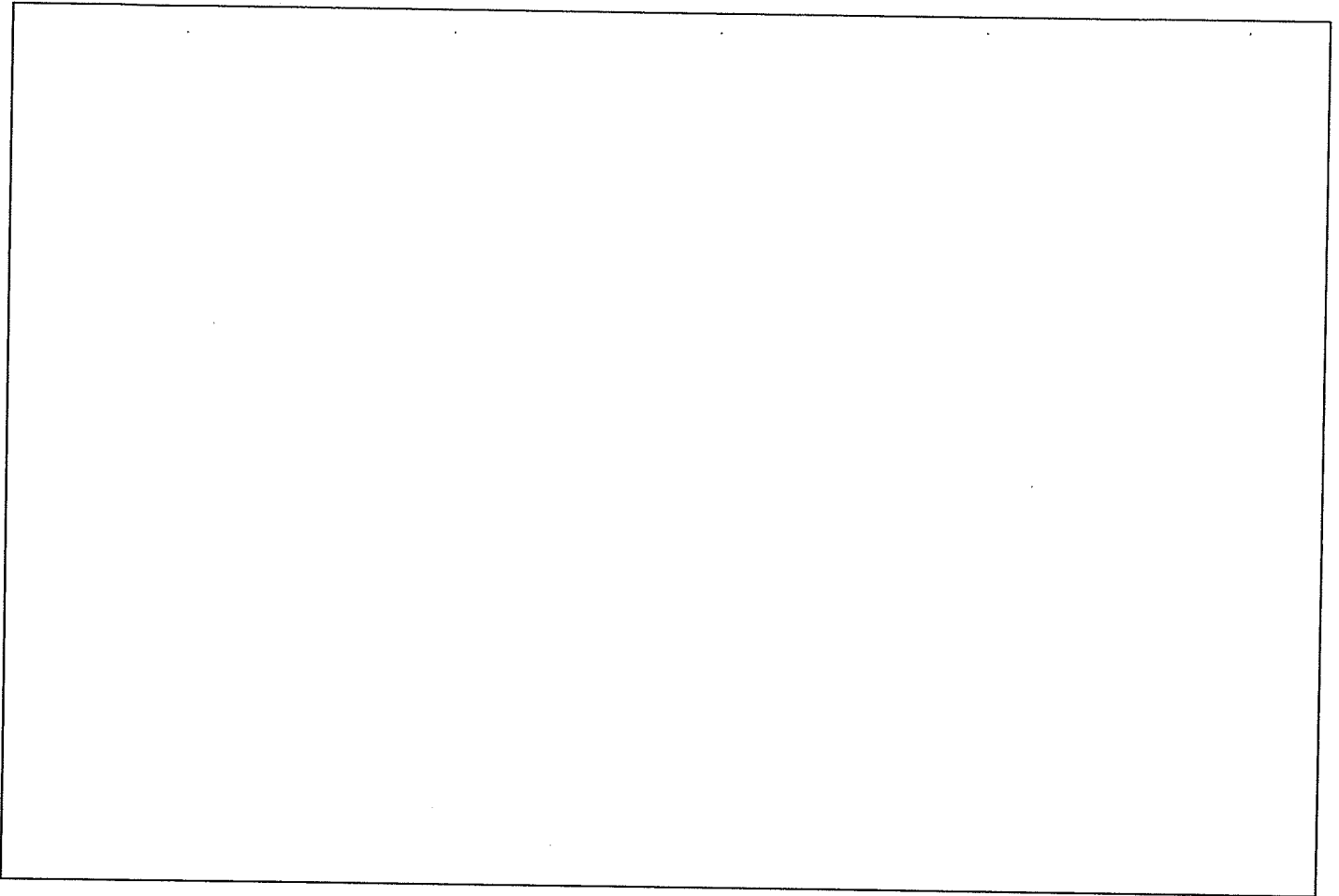
11. $29 \overline{)5,123}$

12. $17 \overline{)1,699}$



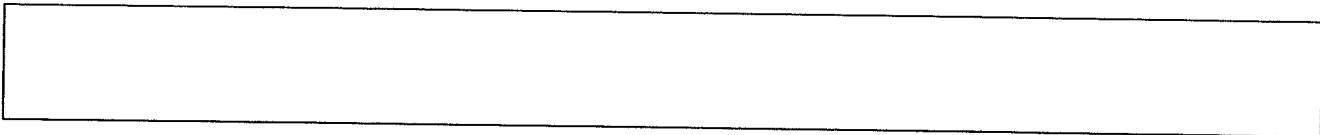
December 17, 2020

Luz has \$15. She buys a movie ticket for \$9.50 and a smoothie for \$2.85. How much money does she have left?

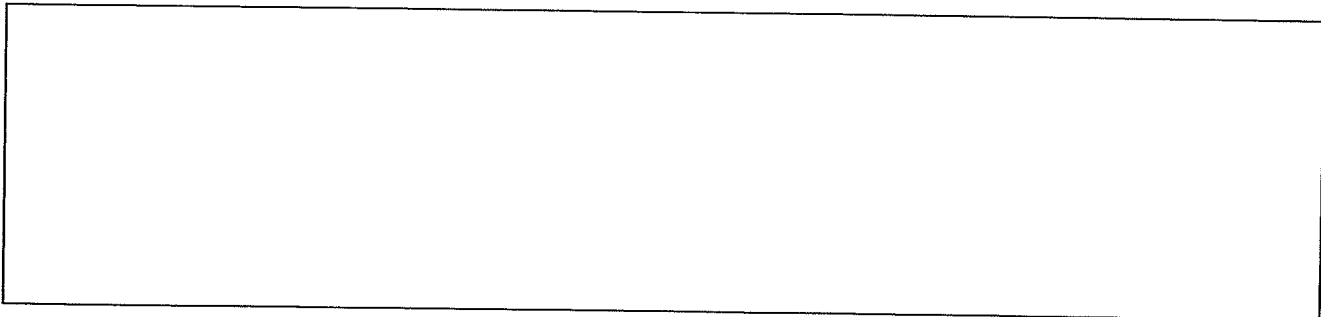


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Thursday, 12/17/20

Exit Ticket Lesson 5-7

Divide.

1. $966 \div 21$

2. $7,831 \div 33$

Name : _____

Score : _____

Teacher : _____

Date : _____

A

1) $16 - 8 =$

2) $50 - 3 =$

3) $77 - 42 =$

4) $79 - 15 =$

5) $96 - 20 =$

6) $98 - 59 =$

7) $93 - 74 =$

8) $59 - 52 =$

9) $64 - 25 =$

10) $88 - 65 =$

11) $67 - 44 =$

12) $72 - 62 =$

13) $99 - 35 =$

14) $34 - 13 =$

15) $87 - 4 =$

16) $59 - 31 =$

17) $94 - 27 =$

18) $67 - 30 =$

19) $46 - 22 =$

20) $76 - 38 =$



Name : _____ Score : _____

Teacher : _____ Date : _____

B

$1) 72 - 70 =$

$2) 50 - 20 =$

$3) 75 - 58 =$

$4) 41 - 31 =$

$5) 76 - 32 =$

$6) 29 - 19 =$

$7) 52 - 45 =$

$8) 50 - 21 =$

$9) 77 - 57 =$

$10) 72 - 72 =$

$11) 37 - 22 =$

$12) 54 - 22 =$

$13) 67 - 18 =$

$14) 76 - 45 =$

$15) 97 - 2 =$

$16) 66 - 51 =$

$17) 87 - 37 =$

$18) 74 - 22 =$

$19) 76 - 72 =$

$20) 94 - 80 =$



Additional Practice 5-7
Choose a Strategy to Divide

Another Look!

At the driving range, golfers can rent buckets of 32 golf balls. The range has a supply of 2,650 golf balls. How many buckets are needed for the balls?

Use compatible numbers to estimate
 $2,650 \div 32$. You can use
 $2,700 \div 30 = 90$.



$$\begin{array}{r}
 82 \\
 32 \overline{)2,650} \\
 \underline{-2,560} \quad 80 \text{ groups of } 32 = 2,560. \\
 90 \\
 \underline{-64} \quad 2 \text{ groups of } 32 = 64. \\
 26 \quad 26 \text{ balls left over}
 \end{array}$$

They can fill 82 buckets with golf balls. They need 1 more bucket for the 26 balls that are left. So the range needs 83 buckets.

83 is close to 90, so the answer is reasonable.

Leveled Practice In 1–4, fill in the boxes.

1. $42 \overline{)926}$ $2 \square R \square$

2. $38 \overline{)1,558}$ $\square \square$

3. $77 \overline{)693}$ \square

4. $21 \overline{)2,567}$ $\square \square \square R \square$

In 5–16, estimate, and then find the quotient. Use your estimate to check reasonableness.

5. $462 \div 77$

6. $44 \overline{)817}$

7. $21 \overline{)777}$

8. $35 \overline{)280}$

9. $2,465 \div 29$

10. $203 \div 29$

11. $8,114 \div 46$

12. $13 \overline{)1,748}$

13. $6,264 \div 87$

14. $5,578 \div 68$

15. $9,855 \div 45$

16. $7,308 \div 12$



December 18, 2020

Nate has \$30.50. He wants to buy his dog a sweater that costs \$15, a toy that costs \$3.79, and a leash that costs \$14.79. How much more money does he need?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Friday, 12/18/20

Exit Ticket Lesson 5-8

1. Jen is filling her photo scrapbook. She has 456 pictures. She can fit 8 pictures on each page in the book. How many pages will have pictures?

Name _____



Additional Practice 5-8

Make Sense and Persevere

Another Look!

Dex works at a dog adoption shelter. He has 4 large boxes of dog treats with 34 treats in each box and 3 small boxes with 28 treats in each box. How many bags of 20 treats can Dex make from all the treats?

You can use bar diagrams to model the steps you need to solve.



What Do You Know? There are 4 large boxes with 34 treats each and 3 small boxes with 28 treats each.

What Are You Trying to Find? The number of bags of 20 treats that Dex can make.

Use bar diagrams and equations to find the number of treats in the large and small boxes.

ℓ total treats in large boxes			
34	34	34	34

$$4 \times 34 = \ell, \ell = 136 \text{ treats}$$

Add to find the number of treats in all.

Divide to find the number of bags Dex can make with 220 treats.

Dex can make 11 bags of treats.

s total treats in small boxes		
28	28	28

$$3 \times 28 = s, s = 84 \text{ treats}$$

$$136 + 84 = 220$$

$$220 \div 20 = b, b = 11$$

In 1 and 2, solve the multi-step problems.

1. A tropical storm has been moving at 15 miles per hour for the past two days. Bess recorded that the storm moved 135 miles yesterday and 75 miles today. For how many hours has Bess been keeping track of the storm? Draw a bar diagram and write equations to help you solve.
2. A parking garage has 6 levels. Each level has 15 rows. Each row has the same number of parking spaces. There are 2,250 parking spaces in all. How many parking spaces are in each row? Write an equation or equations to show your work.



Enrichment

Simplify It!


Directions: Simplify each expression to solve the problem. Show your work.

① $5 \times (4 + 3)$

② $[(7 + 4) - 5] \times 2$

③ $\{[(9 - 1) \times 3] + 5\} - 3$

④ $\{[5 + (10 \div 2)] \times 2\} + 4$

 Explain in words how you simplified the expression in Question 3.

Name: _____

Date: _____

What Comes First?

Directions: Simplify each expression to solve the problem. Show your work.

① $6 \times (8 - 4)$

② $[9 - (5 + 4)] \times 8$

③ $\{(3 + 2) \times 6\} - 12 - 3$

④ $\{(8 \times 3) + 2\} \div 2 + 10$

● Explain in words how you simplified the expression in Question 4.

Quick ✓ Check

Directions: Choose the correct answer.

① $4 + 8 \div 2$

- A 6
- B 8
- C 12
- D 14

② $45 \div (9 - 4)$

- A 1
- B 8
- C 9
- D 225

Directions: Simplify each expression to find the solution.

③ $2[4 + (7 + 2)]$

- A 15
- B 17
- C 26
- D 72

④ $2 + \{3 \times [(11 - 10) + 6]\}$

- A 11
- B 18
- C 19
- D 23

Directions: Explain in words how you would simplify the expression.

⑤ $2\{[(15 \div 3) + 15] + 6\}$
