5th Grade Math

Week of January 4 - January 8, 2021

Name _____

* Please do not complete until advised by teacher*

January 4, 2021

A school club wants to buy shirts for each of is 38 members. Each shirt costs $23. About how much money will all he shirts cost? What is the actual cost of the shirts?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Monday, 1/4/21 Exit Ticket Review Day 1

1. What decimal number is equal to $\frac{73}{100}$?

a. 0.73 b. 7.3 c. 73.100 d. $100.\dot{7}3$

2. Write a number in which the value of the digit 3 is 10 times the value of the digit 3 in the number 156.32. Explain how you know the number you wrote is correct.

3. Which expression has a value that is greater than 42.537?

a. $(4x10) + (2x1) + (5x\frac{1}{10}) + (9x\frac{1}{100}) + (3x\frac{1}{1000})$

b. $(4x10) + (1x1) + (6x\frac{1}{10}) + (2x\frac{1}{100}) + (5x\frac{1}{1000})$

c. $(4x10) + (2x1) + (5x\frac{1}{10}) + (3x\frac{1}{100}) + (7x\frac{1}{1000})$

d. $(4x10) + (2x1) + (5x\frac{1}{10}) + (1x\frac{1}{100}) + (9x\frac{1}{1000})$

January 5, 2021

A store needs at least $15,000 in sales per month to make a profit. If the store is open every day in March (31 days) and sales average $525 per day, will the store make a profit in March?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Tuesday, 1/5/21 Exit Ticket Day 2 Review

1. What is 15.74 rounded to the nearest whole number?

a. 10 b. 15 c. 16 d. 20

2. What is 482.073 expressed in word form?

a. four eighty-two and seventy-three thousandths

b. four hundred eighty-two thousand seventy three

c. four hundred eighty-two and seventy-three hundredths

d. four hundred eighty-two and seventy-three thousandths

3. What is the product of 72.8 x 1.9?

January 6, 2021

Lance has 102 packages of sports cards. Each package has 28 cards. He also has an extra bag of 54 cards. How many cards does he have in all?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Wednesday, 1/6/21 Exit Ticket Lesson 6-1

Find each quotient.

1. $581.3 \div 10$

2. $581.3 \div 10^2$

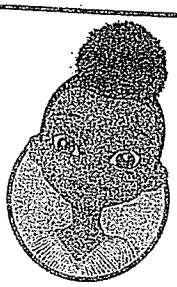
3. $581.3 \div 10^3$

Name _____

Practice Video Tools Games

Additional Practice 6-1
Patterns for Dividing with Decimals

Another Look!



To divide by 10, or 10^1, move the decimal point 1 place to the left.

To divide by 100, or 10^2, move the decimal point 2 places to the left.

$275 \div 100 = \mathbf{2.75} = 2.75$

Sanjai uses 2.75 pounds of clay for each bowl.

Leveled Practice In **1–18**, use mental math and patterns to complete each problem.

1. $2{,}500 \div 10 =$ _____
$250 \div$ _____ $= 25$
_____ $\div 10 = 2.5$
$2.5 \div 10 =$ _____

2. $20 \div$ _____ $= 2$
$20 \div 10^2 =$ _____
$20 \div 10^3 =$ _____
$20 \div 10^4 =$ _____

3. _____ $\div 10 = \$675$
$\$675 \div$ _____ $= \$67.50$
$\$6{,}750 \div 10^2 =$ _____
$\$6{,}750 \div 10^3 =$ _____

4. $9{,}600 \div 10^1 =$ _____
$960 \div 10^1 =$ _____
$96 \div 10^1 =$ _____
$9.6 \div 10^1 =$ _____

5. $\$800 \div$ _____ $= \$80$
_____ $\div 10 = \$8$
$\$8 \div 10 =$ _____
$\$0.80 \div 10 =$ _____

6. $1{,}200 \div 10^3 =$ _____
$120 \div$ _____ $= 12$
_____ $\div 10^1 = 1.2$
$1.2 \div 10^2 =$ _____

7. $4 \div 100$

8. $15 \div 10^0$

9. $450 \div 10$

10. $60 \div 100$

11. $55 \div 10$

12. $30.9 \div 100$

13. $8{,}020 \div 10^2$

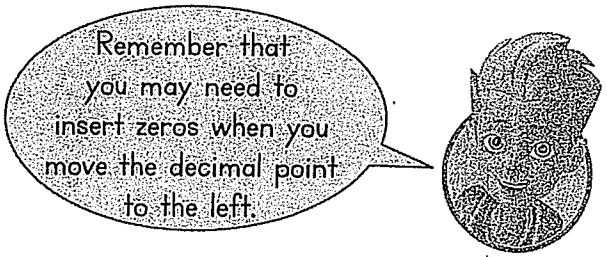
14. $150 \div 10^3$

15. $16 \div 10^3$

16. $1.8 \div 10^1$

17. $720 \div 100$

18. $3{,}500 \div 10^4$



January 7, 2021

A city is selling tickets for family night at the ballpark. Tickets cost $5 each. On Monday, 517 tickets were sold. On Tuesday, 413 tickets were sold. How much money has been collected for the tickets?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Thursday, 1/7/21 Exit Ticket Lesson 6-2

Estimate each quotient.

1. $34.42 \div 5$

2. $804.12 \div 41.3$

3. $49.6 \div 9.85$

Name _____

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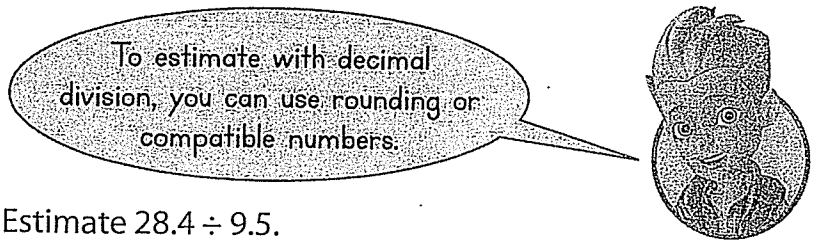
Additional Practice 6-2
Estimate Decimal Quotients

Another Look!



Estimate $28.4 \div 9.5$.

One Way

Use rounding. Round to the nearest whole number.

$28.4 \div 9.5$ Write the original problem.

$28 \div 10 = 2.8$ Round 28.4 to 28. Round 9.5 to 10.

Another Way

Use compatible numbers.

$28.4 \div 9.5$ Write the original problem.

$27 \div 9 = 3$ Use compatible numbers.

Leveled Practice In **1** and **2**, complete the work to estimate each quotient.

1. Estimate $52.3 \div 11.4$ using rounding.

$52.3 \div 11.4$

$52 \div 10 =$ _____

2. Estimate $52.3 \div 11.4$ using compatible numbers.

$52.3 \div 11.4$

$55 \div 11 =$ _____

In **3–11**, estimate each quotient.

3. $25.1 \div 8$

4. $59.67 \div 11.1$

5. $82.77 \div 7.5$

6. $496.3 \div 98$

7. $1.76 \div 0.91$

8. $13.07 \div 7.41$

9. $41.3 \div 6.76$

10. $81.4 \div 10.03$

11. $384.4 \div 88.1$

January 8, 2021

The Erie shoe factory makes 245 pairs of sneakers a day. They make 2 times as many pairs of boots a day. How many pairs of shoes does the factory make each day?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Friday, 1/8/21

Exit Ticket Lesson 6-3

Divide.

1. $1.35 \div 3$

2. $5.16 \div 6$

Name _____

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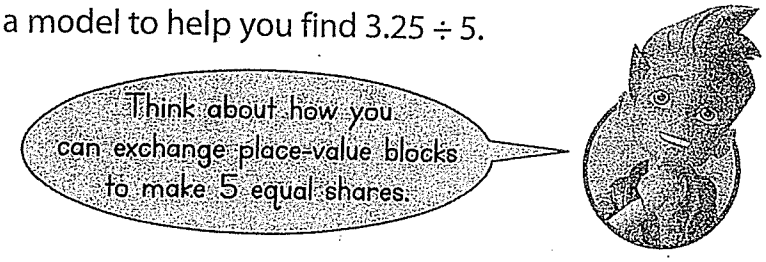
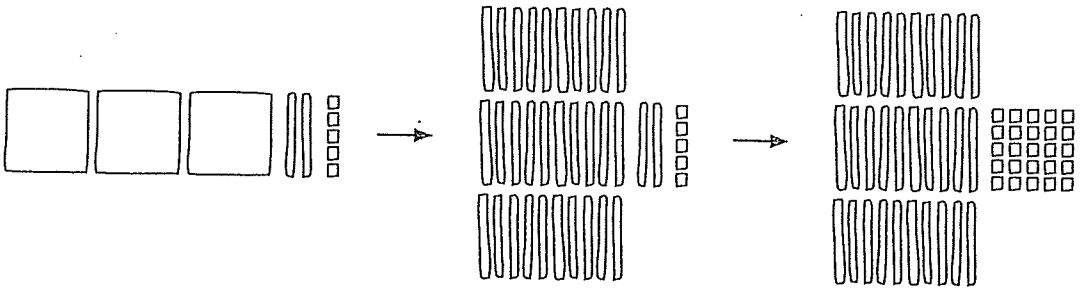
Additional Practice 6-3

Use Models to Divide by a 1-Digit Whole Number

Another Look!

Draw a model to help you find 3.25 ÷ 5.



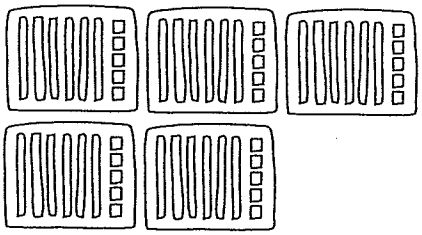


3 ones, 2 tenths, and 5 hundredths

32 tenths and 5 hundredths

30 tenths and 25 hundredths

What You Show



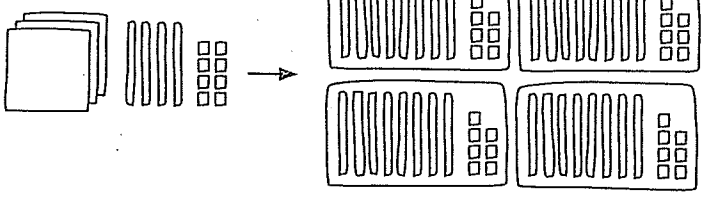
What You Write

$$\begin{array}{r} 0.65 \\ 5\overline{)3.25} \\ -\ 3.00 \\ \hline .25 \\ -\ .25 \\ \hline 0 \end{array}$$

Think:
Each equal share has 6 tenths and 5 hundredths.

Leveled Practice In **1–6**, divide. Use models to help.

1.
$$\begin{array}{r} 0.\square\square \\ 4\overline{)3.48} \\ -\ \square.\square\square \\ \hline .2\square \\ -\ .\square\square \\ \hline 0 \end{array}$$



2.
$$\begin{array}{r} 1.\square\square \\ 8\overline{)9.68} \\ -\ \square.\square\square \\ \hline 1.\square\square \\ -\ \square.\square\square \\ \hline .\square\square \\ -\ .\square\square \\ \hline \square \end{array}$$

3. $3\overline{)2.91}$

4. $4\overline{)6.52}$

5. $7.02 \div 6$

6. $4.75 \div 5$