

$$.2(25) = 5$$

$$25 - 5 = 20$$

Mark wants to buy a video game that costs \$50. If the tax is 6.5%, what will the total price be?

53.25

Find a real-life situation for

20%	20%	20%	20%	20%
-----	-----	-----	-----	-----

100%

15	15	15	15	15
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75

The Smith's bundle their internet/phone service for \$75 a month. If 60% of the bundle is internet, how much do they pay for internet?

There are 300 students at the school carnival. If 70% of the students win a prize, how many students do not win a prize?

90

Write a real-life problem for
 $\frac{12}{100} (35) = 4.2$
Show a teacher!

Teacher Card

$$\frac{12}{100} (35) = 4.2$$

Accept reasonable answers.

Joe wants to buy a \$46 video game. He has saved 75% of the money. How much money has he saved?

Find a real-life situation for...

25%

25%

25%

25%

100%

11.5

11.5

11.5

11.5

46

SALE! 60% OFF

A pair of shoes costs \$80. How much will you pay for the shoes?

32

Find a real-life situation for...

25%

25%

25%

25%

100%

18

18

18

18

72

Anne has to make 4 dozen cookies for the class party. If she has made 50% of the cookies, how many does she have left to make?

Make a tape diagram and solve: Asher wants to score 200 points this season. He has already scored 35% of these. How many more points does he need?

10	10	10	1	0	10	10	10	10	10	10
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100%

20	20	20	2	0	20	20	20	20	20	20
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200

Write a real-life problem for

$$.2 (80) = 16$$

$$80 - 16 = 64$$

Show a teacher!

Teacher Card

$$.2(80) = 16$$

$$80 - 16 = 64$$

Accept reasonable answers.

There are 24 fish in an
aquarium.

25% of the fish are goldfish.

How many are not goldfish?

Write percent as a fraction to
solve the problem.

$$\frac{25}{100} (24) = 6$$

$$24 - 6 = 18$$

A bakery sold 120 pies this week. If 65% of these were sold on Saturday, how many were sold on Saturday? Write the percent as a fraction to solve the problem.

$$120 \left(\frac{65}{100} \right) = 78$$

Ali has planted 75% of her flowers. If she started with 68 flowers, how many has she planted?

51

Write a real-life situation for ...

20%	20%	20%	20%	20%
-----	-----	-----	-----	-----

100%

45	45	45	45	45
----	----	----	----	----

225

Show a teacher your problem!

Teacher Card

20%	20%	20%	20%	20%
-----	-----	-----	-----	-----

100%

45	45	45	45	45
----	----	----	----	----

225

Accept reasonable answers

There were 45,300 runners eligible for a marathon. 54% of the runners actually signed up. How many runners signed up?

24,462

Diane wants to buy a \$250 T.V. If it is on sale for 40% off, how much will she save?

Find a real-life situation for...

10	10	10	10	10	10	10	10	10	10
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100%

25	25	25	25	25	25	25	25	25	25
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250

In Mr. Carlson's class, 20% of the 35 students earned a B. How many students did not earn a B?

Write the percent as a decimal to solve the problem.

$$.2 (35) = 7$$

$$35 - 7 = 28$$

$$\frac{48}{100} (400)$$

$$192$$

48% of the students at Spring Junior High are 7th graders. If there are 400 students in the school, how many are 7th graders? Write the percent as a fraction to solve the problem.

Find the real-life situation for...

20%	20%	20%	20%	20%
-----	-----	-----	-----	-----

100%

50	50	50	50	50
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250

The office needs to sell 250 tickets to the school dance. If they sell 60% of the tickets, how many have they sold?

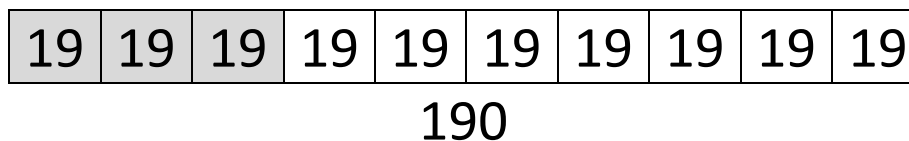
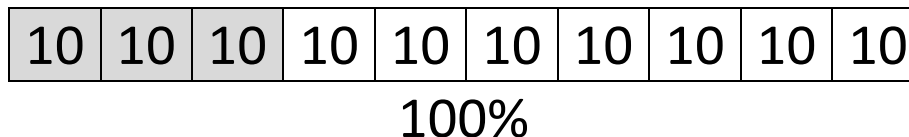
Sal ate 3 ice cream bars. This is 25% of the total bars in the freezer. How many bars were in the freezer?

12

Of the 96 students in Community Club, 72 volunteered for the community clean-up day. What percent of students volunteered?

75%

Write a real-life situation for...



Kari used 57 ounces of clay on her art project. If this is 30% of her clay, how much does she have left?

60% if a number is 18.

What is 90% of the number?

27

Student Council earned \$350 at the dance. If the D.J. cost \$182, what percent of their money was spent on the D.J.?

52%

There are 25 questions on a multiple choice test. If 20% of the answers are D, how many are other answers? Write the percent as a decimal to solve the problem.

7.RP.3

Segment 3