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|-----|---------------|---------------|------|
| 20 | a) 50% of 40 | b) 25% of 28 | 7 |
| 1.6 | c) 10% of 16 | d) 50% of 406 | 203 |
| 31 | e) 25% of 124 | f) 1% of 28 | 0.28 |

Henry says,

To find 10% you divide by 10, so to find 50% you divide by 50



Do you agree? Explain why. No

$$10\% = \frac{10}{100} = \frac{1}{10} \leftarrow \text{so divide by 10}$$

$$50\% = \frac{50}{100} = \frac{5}{10} = \frac{1}{2} \leftarrow \text{so share by two}$$

Eva says to find 1% of a number, you divide by 100

Whitney says to find 1% of a number, you divide by 10 and then by 10 again.

Who do you agree with?
Explain your answer.

I agree with both of them

$$\text{Eva} = 1\% = \frac{1}{100}$$

so yes divide by 100

Whitney

÷ 10 and ÷ 10
is the same as
÷ 100



$$15\% + 35\% = 50\%$$
$$100 - 50 = 50\%$$

50% is peanuts

Emily makes 250 grams of a snack mixture.

15% of the weight is raisins, 35% is banana chips and the rest is peanuts.

How many grams of **peanuts** does she use?

125g

$$50\% \text{ of } 250\text{g} =$$
$$250 \div 2 = 125\text{g}$$

Working Deeper

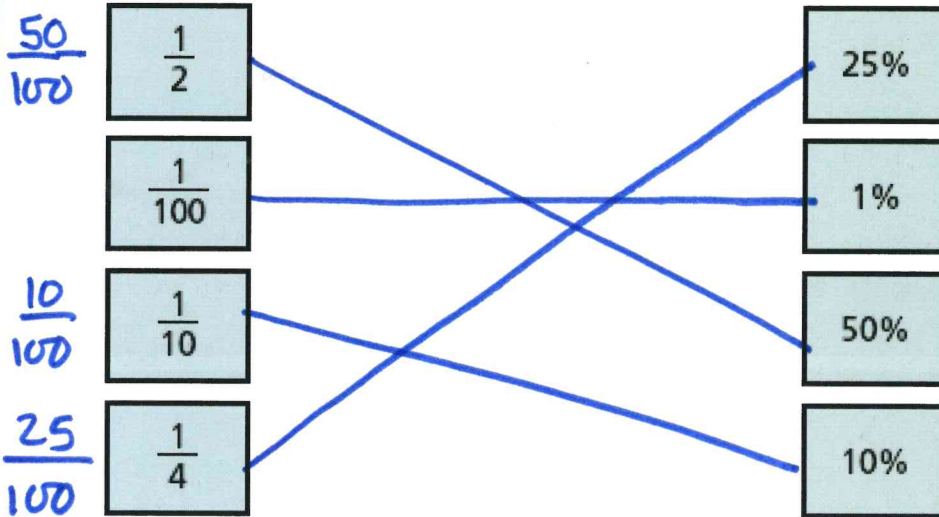
Complete the missing numbers.

20. 50% of 40 = 25% of 80

10% of 40 = 1% of 400 = 4

50. 10% of 500 = 50% of 100

Match the equivalent fractions to the percentages.



Find:

$$50\% \text{ of } 300 = 150$$

$$10\% \text{ of } 300 = 30$$

$$50\% \text{ of } 30 = 15$$

$$10\% \text{ of } 30 = 3$$

$$50\% \text{ of } 60 = 30$$

$$10\% \text{ of } 60 = 6$$

I have included a place value chart incase you need it.

Th	H	T	O	tth	hth

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I have included place value charts incase you need them.

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