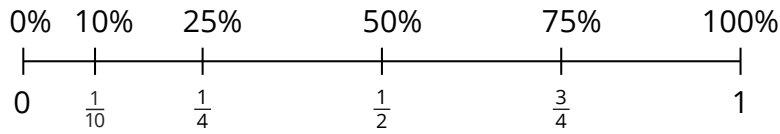


4 Estimating Percent

Your Turn Questions



1. Calculate each amount.

a) 25% of 400

b) 75% of 200

c) 50% of 420

d) 25% of 160

e) 10% of 132

f) 75% of 240

2. Estimate each amount.

a) 50% of 523

b) 25% of 90

c) 75% of 220

d) 10% of 355

4

Estimating Percent

Your Turn Questions (continued)

3. Which statement below is **not** true?
- A 50% of 200 is 25% of 400.
 - B 10% of 80 is less than 20.
 - C $75\% \text{ of } 800 = 3 \times 200$
 - D 25% of 200 is 50% of 400.
4. Which amount of time below is 25% of an hour?
- A 25 minutes
 - B 15 minutes
 - C 30 minutes
 - D 150 minutes
5. A playground has a total area of about 525 m^2 .
10% of the total area is used for basketball.
About how much area is used for basketball?

4

Estimating Percent

Your Turn Questions (continued)

6. Calculate each number.

a) 40 is 50% of a number. What is the number?

b) 23 is 10% of a number. What is the number?

c) 200 is 25% of a number. What is the number?

7. Explain why the following statement is true:

You can always figure out 75% of a number if you know what 50% of the number is.