Estimate the Percent of a Number

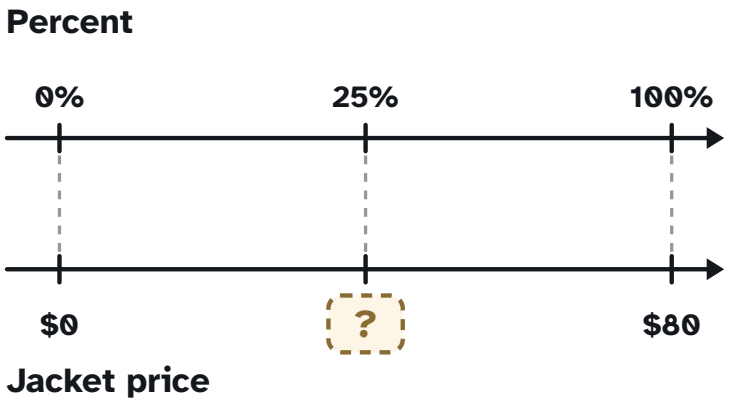
Use friendly percents and friendly numbers to estimate a percent of an amount.

Name _____ **Date** _____

Tonight's spark

A jacket costs $81. The sign says 23% off, and you have no calculator. About how much will you save?

Make a guess first: will you save more or less than $40?



Our class model: the friendly benchmark

Try it

Work it out on paper. Write one answer on each line.

1 **Which benchmark percent is the same as one half?**

A. 50% **B.** 25% **C.** 10% **D.** 75%

My answer _____

2 **What is 10% of 80?**

A. 800 **B.** 18 **C.** 8 **D.** 0.8

My answer _____

3 **Which benchmark percent is closest to 49%?**

A. 25% **B.** 50% **C.** 75% **D.** 10%

My answer _____

4 **About how much is 50% of $41?**

A. $4 **B.** $10 **C.** $80 **D.** $20

My answer _____

5 **Estimate 25% of 79.**

A. About 20 **B.** About 80 **C.** About 4 **D.** About 40

My answer _____

6 **Estimate 20% of $62.**

A. About $6 **B.** About $30 **C.** About $12

My answer _____

Talk about it

Is 23% almost all of $81, or only a small part?

Home mission

Look at a price tag at home. Pretend it is 23% off. Round the price to a friendly number. About how much would you save?

If we get stuck, ask

- Which benchmark percent is closest?
- What is 10% of that number?
- Is your estimate a little over or a little under?

Do it on a screen

Scan or type the link. Same lesson, with hints.

eduwonderlab.com/lessons/4-3/homework.html

How did it feel? (optional)

Tricky Getting there Got it