

## DATA & GRAPHS

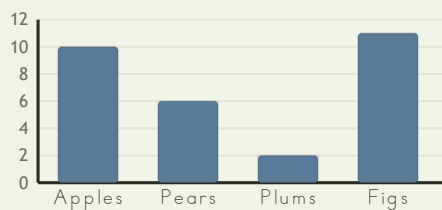
Data Lab • Read, Compare, and Reason

Objective: *Read a graph and use subtraction to compare the data.*

**DO THIS** Read each bar's value from the scale, then answer the questions.

**THE GRAPH** Read each bar against the scale.

EXAMPLE



Read each bar from the scale. How many more Figs than Plums?

$$11 - 2 = \underline{9}$$

**READ THE BARS** Write the value of each bar.

1 Apples

2 Pears

3 Plums

4 Figs

**COMPARE** Read both bars, then subtract.

1 How many more Figs than Plums?

$$\square - \square = \square$$

2 How many more Apples than Plums?

$$\square - \square = \square$$

3 How many more Figs than Pears?

$$\square - \square = \square$$

**REASON FROM THE DATA** Use the graph to answer.

1 Which has the most?

2 Which has the fewest?

3 Total of all four?

$$\square + \square + \square + \square = \square$$

To answer I:  read each bar  used the scale  subtracted

TEACHER EDITION

## DATA & GRAPHS

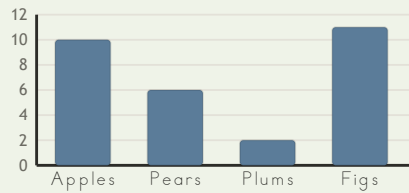
Data Lab • Read, Compare, and Reason

Objective: *Read a graph and use subtraction to compare the data.*

**DO THIS** Read each bar's value from the scale, then answer the questions.

**THE GRAPH** Read each bar against the scale.

EXAMPLE



Read each bar from the scale. How many more Figs than Plums?

$$11 - 2 = \underline{9}$$

**READ THE BARS** Write the value of each bar.

1 Apples  
10

2 Pears  
6

3 Plums  
2

4 Figs  
11

**COMPARE** Read both bars, then subtract.

1 How many more Figs than Plums?  
 $\underline{11} - \underline{2} = \underline{9}$

2 How many more Apples than Plums?  
 $\underline{10} - \underline{2} = \underline{8}$

3 How many more Figs than Pears?  
 $\underline{11} - \underline{6} = \underline{5}$

**REASON FROM THE DATA** Use the graph to answer.

1 Which has the most?  
Figs

2 Which has the fewest?  
Plums

3 Total of all four?  
 $\underline{10} + \underline{6} + \underline{2} + \underline{11} = \underline{29}$

**TEACHER NOTES** Answer key & guidance

Answers: Apples: 10, Pears: 6, Plums: 2, Figs: 11  
Common error: Comparing bar heights without reading the scale

Strategy: Read each value off the scale first, then compare  
Prompt: "What value does this bar reach on the scale?"

To answer 1:  read each bar  used the scale  subtracted