FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

DATA & GRAPHS

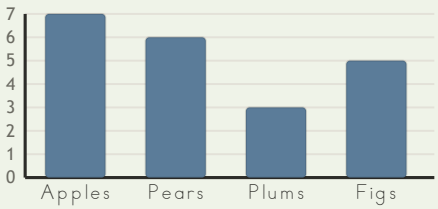
Data Lab • Read, Compare, and Reason

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 Apples than Plums?

7 − 3 = 4

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 Apples than Plums? ☐ − ☐ = ☐
2. How many more Apples than Plums? ☐ − ☐ = ☐
3. How many more Pears than Figs? ☐ − ☐ = ☐

REASON FROM THE DATA Use the graph to answer.

1. Which has the most? ☐
2. Which has the fewest? ☐
3. Total of all four? ☐ + ☐ + ☐ + ☐ = ☐

To answer 1: ☐ read each bar ☐ used the scale ☐ subtracted

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TEACHER EDITION

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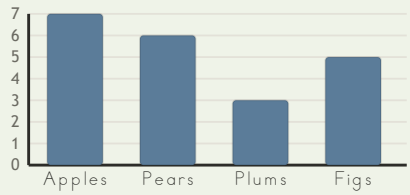

Read each bar from the scale. How many more Apples than Plums?

7 − 3 = 4

READ THE BARS Write the value of each bar.

1. Apples: 7
2. Pears: 6
3. Plums: 3
4. Figs: 5

COMPARE Read both bars, then subtract.

1. How many more Apples than Plums? **7 − 3 = 4**
2. How many more Apples than Plums? **7 − 3 = 4**
3. How many more Pears than Figs? **6 − 5 = 1**

REASON FROM THE DATA Use the graph to answer.

1. Which has the most? **Apples**
2. Which has the fewest? **Plums**
3. Total of all four? **7 + 6 + 3 + 5 = 21**

TEACHER NOTES Answer key & guidance

Answers: ∩Apples': 7, 'Pears': 6, 'Plums': 3, 'Figs': 5U
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