

Homework

Activity 1

Translate the statements.

1. Joe is 5 years older than Michael.
2. The scaling factor between Triangle A and Triangle B is 3.
3. Melinda walked 4 miles less than Diedre.

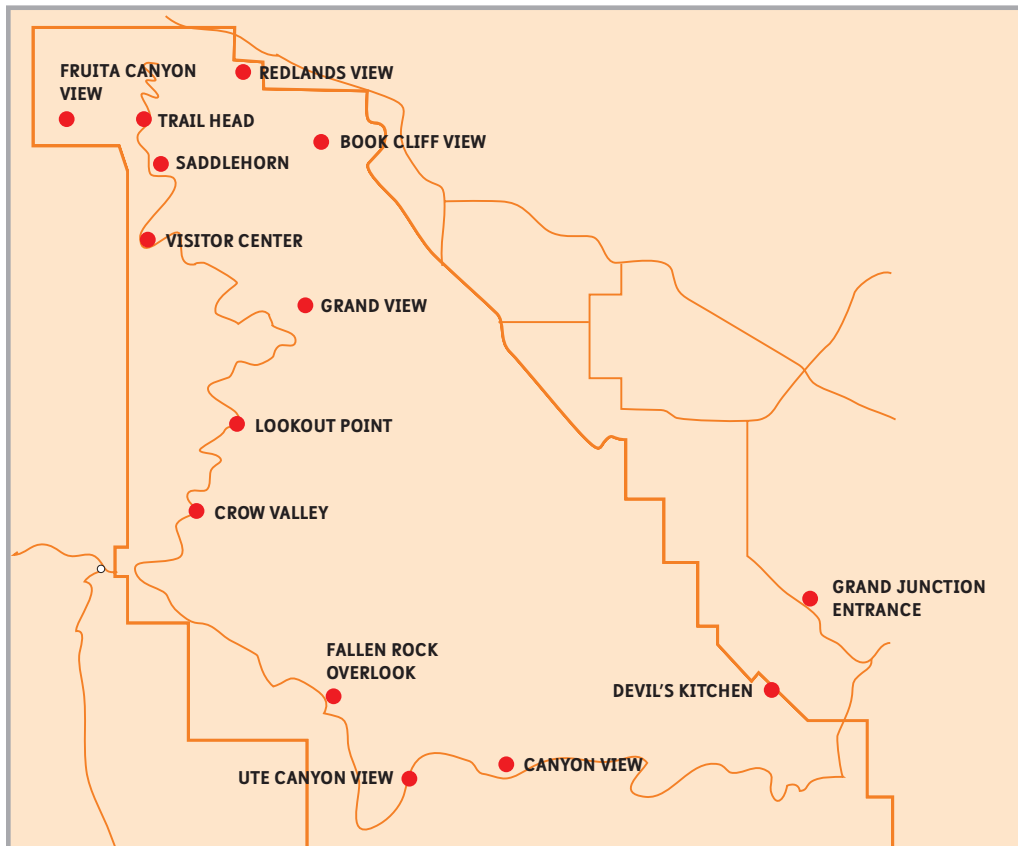
Activity 2

Find the value for the variable in the proportions.

1. $\frac{1}{50} = \frac{4}{x}$
2. $\frac{1}{5} = \frac{6}{y}$
3. $\frac{1}{50} = \frac{8}{z}$
4. $\frac{1}{5} = \frac{10}{w}$

Activity 3

Use the trail map from the lesson to answer the questions. The scale for the map is 1 inch = 10 miles. Use proportions and equivalent fractions to set up your answer. Be sure to state what the answer is at the end.



Homework

1. Use your thumb to measure the approximate distance between the Visitor Center and Lookout Point. Measure from point to point in a straight line. Round to the nearest inch. What is this distance in miles?
2. Use your thumb to measure the approximate distance between the Visitor Center and Crow Valley. Measure from point to point in a straight line. Round to the nearest inch. What is this distance in miles?
3. Use your thumb to measure the approximate distance between the Trail Head and Fallen Rock Overlook. Measure from point to point in a straight line. Round to the nearest inch. What is this distance in miles?
4. Use your thumb to measure the approximate distance between the Trail Head and Devil's Kitchen. Measure from point to point in a straight line. Round to the nearest inch. What is this distance in miles?

Activity 4 • Distributed Practice

Solve.

1. $\frac{1}{2} \cdot \frac{2}{3}$
2. $\frac{4}{6} \div \frac{1}{3}$
3. $\frac{8}{9} - \frac{1}{2}$
4. $\frac{32}{64} + \frac{10}{8}$
5. $1.17 - 0.89$
6. $2.5 \cdot 3$
7. $92.01 - 89.98$
8. $14.7 \div 0.07$