

Name: _____

Multiplying and Dividing Integer Word Problems

Read each word problem. Decide if the integers are positive or negative. Then solve.

- a. Sawyer skipped the same ad on the video he was watching twice.
The ad was 20 seconds long. How much of the video, in seconds, did he skip?

answer: _____

- b. Sawyer also pressed the skip backwards button three times to rewatch a portion of the video. If the skip backwards button is -10 seconds, how many seconds did he skip backwards?



answer: _____

- e. Tahj fills up his pool with a water hose. The pool's water level rises 2 inches every 1 hour.
How many inches did the water rise over 13 hours?

answer: _____

- f. Elizabeth hiked for 2 hours and descended 10,560 feet down a mountain.
What was her average change in elevation per hour?

answer: _____

ANSWER KEY

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1. Elizabeth hiked for 2 hours and descended 10,560 feet down a mountain.

What was her average change in elevation per hour?

$$-10,560 \div 2 = -5,280$$

answer: -5,280 feet