A submarine descends 720 feet in 6 minutes. Find the submarine's change in elevation per minute.

A descent is in the negative direction. So, you translate the change in elevation as −720 feet.

Change in elevation per minute:

$$\frac{-720}{6} =$$

What do we need to remember when multiplying and dividing integers?

Evaluate each quotient.

a) $-25 \div (-5)$

b) $-81 \div 3$

c) $96 \div (-4)$

What do we need to remember when multiplying and dividing integers?

6   $-36 \div (-4)$

7   $-35 \div 5$

8   $45 \div (-3)$

What do we need to remember when multiplying and dividing integers?

9   Find the change in elevation per minute of a hiker who descended 320 feet in 40 minutes.