

Practice 2.3

Evaluate each quotient.

22 $125 \div (-25)$

23 $300 \div (-15)$

24 $-100 \div 25$

25 $-32 \div 4$

26 $-480 \div (-12)$


27 $-144 \div (-24)$

28 $0 \div (-8)$


29 $0 \div (-111)$

- 30 While returning to the glider port, Laura descended at a rate of 380 feet per minute for 3 minutes. Calculate her change in altitude.
- 31 A scuba diver took 6 minutes to rise to the surface at a rate of 30 feet per minute. How far was he below sea level?
- 32 An elevator descends 1,500 feet in 60 seconds. Find the change in height per second.
- 33 A scientist measures the change in height per second of a diving osprey as -198 feet per second. Find the change in position of the osprey after 2 seconds.



- 34  *Math Journal* Margaret wrote $-25 \div (-100) = \frac{-25}{-100} = -\left(\frac{1}{4}\right)$ and $-2 \cdot (-2) = -4$. Discuss and correct her mistakes.

Challenge

- 35  *Math Journal* Umberto has trouble solving $-12 \div 3 \cdot 2 \div (-4)$. Write an explanation to help him.