

Evaluate (work out the value of) these expressions, showing at least one intermediate step for each part.

1 $-25 \cdot 13 \cdot \frac{1}{5}$

$$-25 \cdot 13 \cdot \frac{1}{5} = -\frac{25}{5} \cdot 13 = -5 \cdot 13 = -65.$$

2 $\frac{7}{0}$

This, like any division by zero, is **undefined**.

3 $156 - 3 \cdot 2 + 10$

$$156 - 3 \cdot 2 + 10 = 156 - 6 + 10 = 150 + 10 = 160.$$

4 $4 - 2^3$

$$4 - 2^3 = 4 - 8 = -4.$$

5 $\frac{5^2 - 10}{3^2 + 6}$

$$\frac{5^2 - 10}{3^2 + 6} = \frac{25 - 10}{9 + 6} = \frac{15}{15} = 1.$$