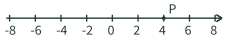
Rational numbers: position, opposites and absolute value — Further practice

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Further practice 11

Write the opposite of 4 and explain its position relative to 0.

$$-(4)$$



Geometry diagram; not drawn to scale except for construction tasks.

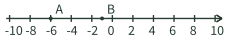
Further practice 12

Find the absolute value of −2.5. Explain why a distance cannot be negative.

Further practice 13

A is at −6 and B at −1. Find the distance between them.

$$-1-(-6)$$



Geometry diagram; not drawn to scale except for construction tasks.

Further practice 14

Which is greater, −1/2 or −3/4? Find the greater-minus-smaller difference.

Extension 15

A learner writes $|-4| = -4$. Explain the error using distance from zero.

Extension 16

P starts at −5, moves 2 units right, reflects in 0, then moves 1 unit left. Find its final coordinate.

$$-(-5+2)-1$$