Conversion Graphs: Plot, Read, and Interpolate with Confidence

Original tasks 1, 2 / independent work

Task 1

A table converts kilograms to pounds: 0 kg = 0 lb, 2 kg = 4.4 lb, 4 kg = 8.8 lb, 6 kg = 13.2 lb. Using a straight-line graph through these points, estimate 5 kg in pounds.

Task 2

A table converts hours to minutes: 0 h = 0 min, 1 h = 60 min, 2 h = 120 min, 3 h = 180 min. Using the straight line, estimate 2.5 h in minutes.

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Original tasks 3, 4 / independent work

Task 3

A table converts metres to feet: 0 m = 0 ft, 1 m = 3.3 ft, 2 m = 6.6 ft, 3 m = 9.9 ft. Using the straight line, estimate 2.4 m in feet.

Task 4

A table converts US dollars to euros: 0 USD = 0 EUR, 10 USD = 9 EUR, 20 USD = 18 EUR, 30 USD = 27 EUR. Using the straight line, estimate 15 USD in euros.