
















Conversions #1

1. 1 mile = 1.61 kilometres. Give 170 miles in kilometres.
2. 1 Samoan Tala = 0.5571 NZD. Convert 180 Tala to NZD.
3. 1 NZD = 1.795 Tala. How much is 1100 Tala in NZD?
4. 1 kPa = 0.145 psi. How much is 38 psi in kPa? (These are typical tyre pressures)
5. 1 AU\$ = 1.0649 NZ\$. How much is 1700 NZ\$ in AU\$?
6. 1 knot = 1.852 km per hour. Convert 30 km per hour to knots. (boat speeds are in knots)
7. 1 Japanese Yen = 0.012981 NZD. Convert 220 Yen to NZD.
8. 1 NZ\$ = 53.33 Indian Rupee. Convert 210 NZ\$ to Rupee.
9. 1 Rupee = 0.0187 NZD. What is 114 NZD in Rupee?
10. 1 NZD = 0.939 AUD. What is 456 AUD in NZD?
11. 1 fathom = 1.829 metres. What is 7 fathoms in metres? (measures of depth at sea)
12. 1 US\$ = 1.344 NZ\$. What is 361 US\$ in NZ\$?
13. 1 pound = 0.4536 kg. How heavy is 74 kg in pounds?
14. 1 NZD = 0.744 USD. Convert 200 NZD to USD.
15. 1 yard = 914.4 mm. Give 0.8 yards in mm.

Answers : Conversions #1

Money should always be two decimal places (cents). Other values should be sensibly rounded, so may differ from these answers. All answers should have units in some form.

1.  getting bigger
1 mile = 1.61 km. Give 170 miles in km. $170 \times 1.61 = \mathbf{273.7 \text{ km}}$
2.  getting smaller
1 Tala = 0.5571 NZD. Convert 180 Tala to NZD. $180 \times 0.5571 = \mathbf{\$100.28}$
3.  getting smaller
1 NZD = 1.795 Tala. How much is 1100 Tala in NZD? $1100 \div 1.795 = \mathbf{\$612.81}$
4.  getting bigger
1 kPa = 0.145 psi. How much is 38 psi in kPa? $38 \div 0.145 = \mathbf{262 \text{ kPa}}$
5.  getting smaller
1 AU\$ = 1.0649 NZ\$. How much is 1700 NZ\$ in AU\$? $1700 \div 1.0649 = \mathbf{A\$1,596.39}$
6.  getting smaller
1 knot = 1.852 km per hour. Convert 30 kph to knots. $30 \div 1.852 = \mathbf{16.2 \text{ knots}}$
7.  getting smaller
1 Yen = 0.012981 NZD. Convert 220 Yen to NZD. $220 \times 0.012981 = \mathbf{\$2.86}$
8.  getting bigger
1 NZ\$ = 53.33 Rupee. Convert 210 NZ\$ to Rupee. $210 \times 53.33 = \mathbf{\text{₹}11,199.30}$
9.  getting bigger
1 Rupee = 0.0187 NZD. What is 114 NZD in Rupee? $114 \div 0.0187 = \mathbf{\text{₹}6,096.26}$
10.  getting bigger
1 NZD = 0.939 AUD. What is 456 AUD in NZD? $456 \div 0.939 = \mathbf{\$485.62}$
11.  getting bigger
1 fathom = 1.829 metres. What is 7 fathoms in metres? $7 \times 1.829 = \mathbf{12.8 \text{ m}}$
12.  getting bigger
1 US\$ = 1.344 NZ\$. What is 361 US\$ in NZ\$? $361 \times 1.344 = \mathbf{\$485.18}$
13.  getting bigger
1 pound = 0.4536 kg. How heavy is 74 kg in pounds? $74 \div 0.4536 = \mathbf{163 \text{ pounds}}$
14.  getting smaller
1 NZD = 0.744 USD. Convert 200 NZD to USD. $200 \times 0.744 = \mathbf{US\$148.80}$
15.  getting bigger
1 yard = 914.4 mm. Give 0.8 yards in mm. $0.8 \times 914.4 = \mathbf{731.5 \text{ mm}}$