

Imperial to Metric Conversions

- 1) Convert 7 inches into cm.
- 2) Convert 14 feet into metres.
- 3) Convert 6 yards into metres.
- 4) Convert 8 miles into kilometres.
- 5) Convert 9.2 miles into metres.
- 6) Convert 7000 yards into kilometres.
- 7) Convert 500 inches into metres.
- 8) Convert 75 feet into centimetres.
- 9) Convert 5 yards into millimetres.
- 10) Convert 2 metres into feet.
- 11) Convert 24 centmetres into inches.
- 12) Convert 9 kilometres into miles.
- 13) Convert 29 metres into yards.
- 14) Convert 29 metres into yards.
- 15) Convert 75 metres into inches.
- 16) Convert 10.4 kilometres into feet.

17) Jimmy is driving 120km/h in the U.S. The speed limit is 70m/h. Is he speeding? How much above or below the limit is he?

18) Jenny is 5' tall. She needs to be at least 160cm tall to go on a ride. Is she tall enough? By how much?

19) Billy needs 5 yards of fabric. He has 4.5 metres. Does he have enough? By how much?

20) A Canadian Football field is 110 yards long. Henry is training for the 100m sprint. Is a football field long enough? By how much?

21) Mark is buying some PVC pipe. It costs \$2.89 per foot. He needs 8 metres. How much will it cost?

22) Karen is buying wallpaper. It costs \$8.79 per metre. She needs 120 feet. How much will it cost?

Answers to Imperial to Metric Conversions

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|-----------------------------------|------------------|--------------------------|----------------|
| 1) 17.78cm | 2) 4.27m | 3) 5.49m | 4) 12.88 km |
| 5) 14812 m | 6) 6.4 km | 7) 12.7 m | 8) 2286 cm |
| 9) 4572 cm | 10) 6.56' | 11) 9.45" | 12) 5.59 miles |
| 13) 31.71 yards | 14) 31.71 yards | 15) 2952.76" | 16) 34120.73' |
| 17) Yes, 4.53 m/h above the limit | | 18) No, 7.6 cm too short | |
| 19) No, needs 7.9 cm more | 20) Yes, by 58cm | 21) \$75.85 | |
| 22) \$321.50 | | | |