

CONVERTING BETWEEN INCHES AND CM

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

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| 1. Convert 2 inches to cm 5 cm | 2. Convert 5 inches to cm 12.5 cm |
| 3. Convert 10 inches to cm 25 cm | 4. Convert 15 cm to inches 6 inches |
| 5. Convert 25 cm to inches 10 inches | 6. Convert 50 cm to inches 20 inches |
| 7. Convert 8 inches to cm 20 cm | 8. Convert 12 inches to cm 30 cm |
| 9. Convert 18 cm to inches 7.2 inches | 10. Convert 35 cm to inches 14 inches |
| 11. Convert 0.5 inches to cm 1.25 cm | 12. Convert 2.5 inches to cm 6.25 cm |
| 13. Convert 7.5 cm to inches 3 inches | 14. Convert 12.5 cm to inches 5 inches |
| 15. Convert 3.2 inches to cm 8 cm | 16. Convert 6.8 cm to inches 2.72 inches |
| 17. Convert 1 foot to cm (1 foot = 12 inches) 30 cm | 18. Convert 2 feet to cm 60 cm |

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| 19. | Convert 45 cm to feet | | 1.5 feet | 20. | Convert 75 cm to feet | | 2.5 feet |
| 21. | Convert 4 inches + 3 cm to cm | | 13 cm | 22. | Convert 6 inches + 10 cm to inches | | 10 inches |
| 23. | Convert 8 cm + 2 inches to cm | | 13 cm | 24. | Convert 15 inches - 5 cm to inches | | 13 inches |
| 25. | Convert 20 cm - 3 inches to cm | | 12.5 cm | 26. | Convert 3×4 inches to cm | | 30 cm |
| 27. | Convert 5×6 cm to inches | | 12 inches | 28. | Convert (8 inches + 10 cm) to cm | | 30 cm |
| 29. | Convert (15 cm + 4 inches) to inches | | 11 inches | 30. | Convert (20 inches - 15 cm) to cm | | 27.5 cm |

MASTER QUESTIONS



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| M1. | A carpenter needs to cut a board that is 48 inches long into centimetres. How many centimetres long is the board? | | 120 cm |
| M2. | Sarah is 165 cm tall. Her brother is 5 feet 8 inches tall. Who is taller and by how many centimetres? | | Sarah is taller by 5 cm |
| M3. | A recipe calls for 8 inches of pastry. How many centimetres of pastry are needed? | | 20 cm |
| M4. | A picture frame has dimensions of 10 inches by 15 inches. What are its dimensions in centimetres? | | 25 cm by 37.5 cm |
| M5. | A swimming pool is 25 metres long. How many inches is this? (1 metre = 100 cm) | | 1000 inches |

- M6.** A bookshelf has 5 shelves, each 60 cm long. What is the total length in inches if all shelves were placed end to end? | 120 inches
- M7.** A garden hose is 20 feet long. How many centimetres is this? | 600 cm
- M8.** A rectangular table is 180 cm long and 90 cm wide. What are its dimensions in inches? | 72 inches by 36 inches
- M9.** If a person grows 2 inches per year, how many centimetres do they grow in 3 years? | 15 cm
- M10.** A car's fuel efficiency is 15 km per litre. How many inches does it travel per litre? (1 km = 100,000 cm) | 6,000,000 inches