

Questions for Two Significant Figures (20 Questions)

1. Convert 450 cm to meters.
2. Convert 0.075 m to centimeters.
3. Convert 3200 mm to meters.
4. Convert 0.0345 m to millimeters.
5. Convert 820 cm to meters.
6. Convert 0.0089 m to centimeters.
7. Convert 5000 mm to meters.
8. Convert 0.0097 m to millimeters.
9. Convert 1340 mm to meters.
10. Convert 62 cm to meters.
11. Convert 0.0041 m to millimeters.
12. Convert 790 cm to meters.
13. Convert 0.0025 m to centimeters.
14. Convert 940 mm to meters.
15. Convert 0.0016 m to millimeters.
16. Convert 2800 mm to meters.
17. Convert 0.027 m to centimeters.
18. Convert 610 cm to meters.
19. Convert 0.0054 m to millimeters.
20. Convert 150 cm to meters.

Questions for Three Significant Figures (30 Questions)

1. Convert 345 cm to meters.
2. Convert 0.0789 m to centimeters.
3. Convert 4567 mm to meters.
4. Convert 0.0456 m to millimeters.
5. Convert 8230 cm to meters.
6. Convert 0.00897 m to centimeters.
7. Convert 5009 mm to meters.
8. Convert 0.00987 m to millimeters.
9. Convert 1345 mm to meters.
10. Convert 621 cm to meters.
11. Convert 0.00412 m to millimeters.

12. Convert 791 cm to meters.
13. Convert 0.00253 m to centimeters.
14. Convert 945 mm to meters.
15. Convert 0.00163 m to millimeters.
16. Convert 2876 mm to meters.
17. Convert 0.0274 m to centimeters.
18. Convert 612 cm to meters.
19. Convert 0.00543 m to millimeters.
20. Convert 1505 cm to meters.
21. Convert 330 cm to meters.
22. Convert 0.00512 m to millimeters.
23. Convert 1456 mm to meters.
24. Convert 0.00349 m to centimeters.
25. Convert 6250 mm to meters.
26. Convert 0.00243 m to millimeters.
27. Convert 1280 cm to meters.
28. Convert 0.00931 m to millimeters.
29. Convert 2385 mm to meters.
30. Convert 563 cm to meters.

Answers with Explanations for Two Significant Figures (20 Questions)

1. Convert 450 cm to meters.
 - Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
 - Answer: 4.5 m
2. Convert 0.075 m to centimeters.
 - Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
 - Answer: 7.5 cm
3. Convert 3200 mm to meters.
 - Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 3.2 m
4. Convert 0.0345 m to millimeters.
 - Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 34 mm
5. Convert 820 cm to meters.

- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
 - Answer: 8.2 m
6. Convert 0.0089 m to centimeters.
- Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
 - Answer: 0.89 cm
7. Convert 5000 mm to meters.
- Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 5.0 m
8. Convert 0.0097 m to millimeters.
- Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 9.7 mm
9. Convert 1340 mm to meters.
- Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 1.3 m
10. Convert 62 cm to meters.
- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
 - Answer: 0.62 m
11. Convert 0.0041 m to millimeters.
- Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 4.1 mm
12. Convert 790 cm to meters.
- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
 - Answer: 7.9 m
13. Convert 0.0025 m to centimeters.
- Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
 - Answer: 0.25 cm
14. Convert 940 mm to meters.
- Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 0.94 m
15. Convert 0.0016 m to millimeters.
- Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 1.6 mm
16. Convert 2800 mm to meters.

- Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
- Answer: 2.8 m

17. Convert 0.027 m to centimeters.

- Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
- Answer: 2.7 cm

18. Convert 610 cm to meters.

- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
- Answer: 6.1 m

19. Convert 0.0054 m to millimeters.

- Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
- Answer: 5.4 mm

20. Convert 150 cm to meters.

- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
- Answer: 1.5 m

Answers with Explanations for Three Significant Figures (30 Questions)

1. Convert 345 cm to meters.

- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
- Answer: 3.45 m

2. Convert 0.0789 m to centimeters.

- Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
- Answer: 7.89 cm

3. Convert 4567 mm to meters.

- Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
- Answer: 4.57 m

4. Convert 0.0456 m to millimeters.

- Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
- Answer: 45.6 mm

5. Convert 8230 cm to meters.

- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.

- Answer: 82.3 m
- 6. Convert 0.00897 m to centimeters.
 - Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
 - Answer: 0.897 cm
- 7. Convert 5009 mm to meters.
 - Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 5.01 m
- 8. Convert 0.00987 m to millimeters.
 - Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 9.87 mm
- 9. Convert 1345 mm to meters.
 - Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 1.35 m
- 10. Convert 621 cm to meters.
 - Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
 - Answer: 6.21 m
- 11. Convert 0.00412 m to millimeters.
 - Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 4.12 mm
- 12. Convert 791 cm to meters.
 - Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.
 - Answer: 7.91 m
- 13. Convert 0.00253 m to centimeters.
 - Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.
 - Answer: 0.253 cm
- 14. Convert 945 mm to meters.
 - Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.
 - Answer: 0.945 m
- 15. Convert 0.00163 m to millimeters.
 - Explanation: There are 1000 mm in 1 m. To convert m to mm, multiply by 1000.
 - Answer: 1.63 mm
- 16. Convert 2876 mm to meters.
 - Explanation: There are 1000 mm in 1 m. To convert mm to m, divide by 1000.

- Answer: 2.88 m

17. Convert 0.0274 m to centimeters.

- Explanation: There are 100 cm in 1 m. To convert m to cm, multiply by 100.

- Answer: 2.74 cm

18. Convert 612 cm to meters.

- Explanation: There are 100 cm in 1 m. To convert cm to m, divide by 100.

- Answer: 6.12 m

19. Convert 0.00543 m to millimeters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert meters to millimeters, multiply by 1000.

- Answer: 5.43 mm

20. Convert 1505 cm to meters.

- Explanation: There are 100 centimeters (cm) in 1 meter (m). To convert centimeters to meters, divide by 100.

- Answer: 15.1 m (rounded to 3 significant figures)

21. Convert 330 cm to meters.

- Explanation: There are 100 centimeters (cm) in 1 meter (m). To convert centimeters to meters, divide by 100.

- Answer: 3.30 m

22. Convert 0.00512 m to millimeters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert meters to millimeters, multiply by 1000.

- Answer: 5.12 mm

23. Convert 1456 mm to meters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert millimeters to meters, divide by 1000.

- Answer: 1.46 m (rounded to 3 significant figures)

24. Convert 0.00349 m to centimeters.

- Explanation: There are 100 centimeters (cm) in 1 meter (m). To convert meters to centimeters, multiply by 100.

- Answer: 0.349 cm

25. Convert 6250 mm to meters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert millimeters to meters, divide by 1000.

- Answer: 6.25 m

26. Convert 0.00243 m to millimeters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert meters to millimeters, multiply by 1000.

- Answer: 2.43 mm

27. Convert 1280 cm to meters.

- Explanation: There are 100 centimeters (cm) in 1 meter (m). To convert centimeters to meters, divide by 100.

- Answer: 12.8 m

28. Convert 0.00931 m to millimeters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert meters to millimeters, multiply by 1000.

- Answer: 9.31 mm

29. Convert 2385 mm to meters.

- Explanation: There are 1000 millimeters (mm) in 1 meter (m). To convert millimeters to meters, divide by 1000.

- Answer: 2.39 m (rounded to 3 significant figures)

30. Convert 563 cm to meters.

- Explanation: There are 100 centimeters (cm) in 1 meter (m). To convert centimeters to meters, divide by 100.

- Answer: 5.63 m

These answers provide the correct conversions with explanations, focusing on the concept without detailed calculations.