

Converting Rates

Name _____

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1) Convert 110km/h into miles per hour.

2) Convert 55mi/h into km/h.

3) Convert 50km/h into metres per second

4) Convert 100mi/h into feet per second

5) Convert \$7.49 per foot into cost per metre.

6) Convert \$17.89 per metre into cost per yard.

7) Convert \$7 000 000 per mile into cost per metre.

8) Convert \$3.50 per square foot into cost per square yard.

9) Convert \$9.89 per square metre into cost per square foot.

10) Convert \$10.60 per cubic inch into cost per cubic cm.

11) Convert \$37 500 000 per cubic mile into cost per cubic metre.

12) Convert \$0.01 per cubic inch into cost per cubic mile.

Answers to Converting Rates

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|---|------------------|------------------|------------------|
| 1) 68.37mi/h | 2) 88.50km/h | 3) 13.89m/s | 4) 146.67ft/s |
| 5) \$24.57/m | 6) \$16.36/yd | 7) \$4350.53/m | 8) \$31.50/sq yd |
| 9) \$0.92/sq ft | 10) \$0.65/cu cm | 11) \$0.009/cu m | |
| 12) \$2 543 580 611 000 per cubic mile ($2.543580611 \times 10^{12}$) | | | |