

Examples

Workout



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Question 1: Convert each of the following percentages to decimals

- | | | | |
|---------|---------|---------|---------|
| (a) 53% | (b) 19% | (c) 25% | (d) 74% |
| (e) 65% | (f) 50% | (g) 70% | (h) 10% |
| (i) 90% | (j) 3% | (k) 8% | (l) 5% |
| (m) 57% | (n) 88% | (o) 36% | (p) 99% |

Question 2: Convert each of the following percentages to decimals

- | | | | |
|-------------|------------|------------|------------|
| (a) 15.2% | (b) 23.5% | (c) 90.3% | (d) 62.81% |
| (e) 1.7% | (f) 6.8% | (g) 8.15% | (h) 0.5% |
| (i) 0.49% | (j) 0.03% | (k) 49.68% | (l) 0.598% |
| (m) 64.553% | (n) 80.05% | | |

Question 3: Convert each of the following percentages to decimals

- | | | | |
|------------|------------|-----------|-----------|
| (a) 162% | (b) 190% | (c) 115% | (d) 144% |
| (e) 150% | (f) 212% | (g) 285% | (h) 538% |
| (i) 102.5% | (j) 352.8% | (k) 1047% | (l) 2938% |

Apply

Question 1: Match up any decimal and percentage that are equivalent.
Not all the decimals and percentages will match up.

80%

0.08

25%

0.25

8%

2.5

250%

0.03

30%

0.8

Percentages to Decimals

Video 121 on www.corbettmaths.com

Question 2: Arrange in order from largest to smallest.

(a) 21%, 0.25, 16%, 0.2, 3%

(b) 64%, 0.05, 100%, 0.99, 1.25, 3%

Question 3: James says "1.45 is equal to 145%"

Matt says "that is impossible, you cannot have a percentage greater than 100%"

Who do you agree with? Explain your answer.

Answers



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