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Some Decimal calculations and problems

Name _____

Multiply decimals, and divide to give decimal answers.

Page 1 of 2

1 $0.05 \times 5 =$

2 Work out $443 \div 9$. Give your answer to 1 decimal place.

3 £10 is shared equally between 6 people. How much does each person get, to the nearest penny?

4 $0.8 \times 2 =$

5 Work out $190 \div 13$. Give your answer to 2 decimal places.

6 £79 is shared equally between 3 people. How much does each person get, to the nearest penny?

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Decimal calculations and problems: answers

All Solve money and measure problems with decimals.

1 £1.86 $£6.66 - £4.80 = £1.86$

2 £18.35 $5 \times £3.67 = £18.35$

3 £2.61 $£10 - £7.39 = £2.61$

4 £14.19 $3 \times £4.73 = £14.19$

5 £2.94 $£8.82 \div 3 = £2.94$

6 £2.45 $£12.25 \div 5 = £2.45$

7 £6.96 $2 \times £3.48 = £6.96$

8 £4.50 $£6.55 - £2.05 = £4.50$

9 £9.92 $4 \times £2.48 = £9.92$

10 £1.91 $£7.64 \div 4 = £1.91$

11 £5.05 $5 \times £1.01 = £5.05$

12 £8.64 $4 \times £2.16 = £8.64$

Most Add and subtract decimals with up to 3 places.

1 4.059 m $0.995 + 3.064 = 4.059 \text{ m}$

2 12.12 m $4 \times 3.03 = 12.12 \text{ m}$

3 9.45 m $3 \times 3.15 = 9.45 \text{ m}$

4 14.54 m $4 \times 3.635 = 14.54 \text{ m}$

5 10.4 m $4 \times 2.6 = 10.4 \text{ m}$

6 16.216 m $4 \times 4.054 = 16.216 \text{ m}$

7 5.692 m $3.532 + 2.16 = 5.692 \text{ m}$

8 9.596 m $4 \times 2.399 = 9.596 \text{ m}$

9 6.617 m $3.609 + 3.008 = 6.617 \text{ m}$

10 2.118 m $5.754 - 3.636 = 2.118 \text{ m}$

11 7.698 m $2 \times 3.849 = 7.698 \text{ m}$

12 12.246 m $3 \times 4.082 = 12.246 \text{ m}$

Some Multiply decimals, and divide to give decimal answers.

1 0.25

2 49.2 $443 \div 9 = 49.222... \approx 49.2 \text{ (1 d.p.)}$

3 £1.67 $£10 \div 6 = £1.67 \text{ (nearest penny)}$

4 1.6

5 14.62 $190 \div 13 = 14.6154... \approx 14.62 \text{ (2 d.p.)}$

6 £26.33 $£79 \div 3 = £26.33 \text{ (nearest penny)}$

7 5.6

8 57.42 $689 \div 12 = 57.4167... \approx 57.42 \text{ (2 d.p.)}$

9 £23.33 $£70 \div 3 = £23.33 \text{ (nearest penny)}$

10 0.14

11 86.86 $608 \div 7 = 86.8571... \approx 86.86 \text{ (2 d.p.)}$

12 £4.29 $£30 \div 7 = £4.29 \text{ (nearest penny)}$

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