Dividing Decimals by Whole Numbers
Video 93 on www.corbettmaths.com

Question 1: Work out
(a) $4.6 \div 2$  
(b) $6.5 \div 5$  
(c) $9.6 \div 3$  
(d) $8.4 \div 4$
(e) $7.2 \div 3$  
(f) $6.8 \div 4$  
(g) $18.5 \div 5$  
(h) $9.6 \div 8$
(i) $14.4 \div 6$  
(j) $27.9 \div 9$  
(k) $9.1 \div 7$  
(l) $36.5 \div 5$
(m) $33.2 \div 4$  
(n) $19.2 \div 3$  
(o) $27.6 \div 6$  
(p) $42.4 \div 8$

Question 2: Work out
(a) $3.96 \div 3$  
(b) $0.75 \div 5$  
(c) $8.56 \div 4$  
(d) $0.528 \div 6$
(e) $5.81 \div 7$  
(f) $0.657 \div 9$  
(g) $2.176 \div 8$  
(h) $0.238 \div 7$
(i) $0.119 \div 7$  
(j) $0.072 \div 6$  
(k) $2.556 \div 3$  
(l) $3.325 \div 5$
(m) $701.2 \div 4$  
(n) $9.927 \div 9$  
(o) $12.065 \div 5$  
(p) $0.16024 \div 4$

Question 3: Work out
(a) $1.3 \div 2$  
(b) $2.9 \div 2$  
(c) $1.4 \div 5$  
(d) $24.3 \div 5$
(e) $5.4 \div 4$  
(f) $0.038 \div 5$  
(g) $1.4 \div 8$  
(h) $2.13 \div 6$
(i) $0.284 \div 8$  
(j) $54.3 \div 6$  
(k) $47.5 \div 8$  
(l) $7.42 \div 3$

Question 4: Work out the following divisions
(a) $8.4 \div 12$  
(b) $0.143 \div 11$  
(c) $34.5 \div 15$  
(d) $0.322 \div 14$
(e) $2.266 \div 22$  
(f) $7.68 \div 12$  
(g) $0.56 \div 16$  
(h) $15.75 \div 25$
(i) $2.12 \div 40$  
(j) $77.25 \div 75$  
(k) $0.9936 \div 23$  
(l) $3.52 \div 110$

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Question 1: Four friends share £6.52 equally. How much do they each receive?

Question 2: James has 3.65m of rope into 5 pieces of equal length. How long is equal piece of rope?

Question 3: The perimeter of a square is 53.3cm. Work out the length of equal side. \[ \text{Perimeter} = 53.3\text{cm} \]

Question 4: SuperSaver sells 6 eggs for £1.14
TopBuys sells 8 eggs for £1.68
BestBuys sells 12 eggs for £2.64

Which shop is best value?

Question 5: Roger is organising a trip to a museum.
The total price of the tickets is £103.50
The total price for the coach is £64.80
If nine people are going on the trip, how much should they pay each?

Question 6: A shop charges 12p to photocopy one page in full colour.
Sam has photocopied some pages in colour and the total cost is £16.08
How many pages did he photocopy?

Question 7: The perimeter of a regular octagon is 4.096cm Calculate the length of each side.