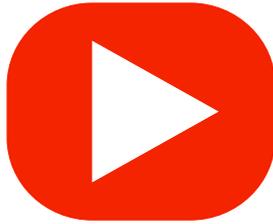Examples

Workout

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Question 1:   Find the midpoint of each pair of numbers

(a) 5 and 9   (b) 10 and 20   (c) 2 and 8   (d) 40 and 60

(e) 6 and 16   (f) 7 and 13   (g) 90 and 98   (h) 25 and 31

(i) 19 and 41   (j) 30 and 44   (k) 101 and 199 (l) 64 and 92

(m) 210 and 570 (n) 135 and 215 (o) 123 and 321 (p) 83 and 111

Question 2:   Find the midpoint of each pair of numbers

(a) 4 and 7   (b) 3 and 8   (c) 9 and 17   (d) 2 and 21

(e) 15 and 20   (f) 70 and 85   (g) 11 and 20   (h) 44 and 51

(i) 28 and 55   (j) 63 and 98   (k) 74 and 103   (l) 99 and 148

(m) 193 and 414 (n) 230 and 287 (o) 121 and 504 (p) 1400 and 1555

Question 3:   Find the midpoint of each pair

(a) £3 and £4   (b) £4 and £7   (c) £12 and £15.20 (d) £40 and £65

(e) £5 and 80p   (f) 35p and £1.21 (g) £1.96 and £4.02 (h) £933.24 and £62.78

Question 4:   Find the midpoint of each pair of numbers

(a) 8.1 and 8.7   (b) 2.6 and 3.4   (c) 1.8 and 7.4   (d) 4.5 and 9.2

(e) 25.5 and 31   (f) 15.65 and 16.3 (g) 3.24 and 5.12 (h) 6.16 and 7.29

Question 5:   Find the midpoint of each pair of numbers

(a) −1 and 5   (b) −6 and 16   (c) −20 and 5   (d) −13 and −5
(
e) −25 and 75   (f) −34 and 8   (g) −10.5 and 15.5 (h) −270 and −128

Question 6:   Find the midpoint of each pair of fractions

(a) $\dfrac{1}{10}$ and $\dfrac{7}{10}$ (b) $\dfrac{3}{8}$ and $\dfrac{5}{8}$ (c) $\dfrac{1}{4}$ and $\dfrac{1}{2}$

(d) $\dfrac{1}{3}$ and $\dfrac{7}{9}$ (e) $\dfrac{2}{5}$ and $\dfrac{3}{4}$ (f) $\dfrac{1}{3}$ and $\dfrac{4}{5}$

(g) $\dfrac{7}{8}$ and $3\dfrac{1}{8}$ (h) $\dfrac{19}{20}$ and $4\dfrac{1}{4}$ (i) $1\dfrac{3}{4}$ and $2\dfrac{2}{9}$

Apply

Question 1:   Gregor works out the midpoint of 14 and x.
              His answer is 19.
              Work out x.

Question 2:   Meg works out the midpoint of 13 and y.
              Her answer is 19.5.
              Work out y.

Question 3:   Harry has 60p and Claire has £1.70.
              How much money should Claire give Harry so that they have the same amount?

Question 4:   Beth has £24 and Donal has £57.
              How much money should Donal give Beth so that they have the same amount?

Question 5:   Roscoe has 78p and Jess has £3.24.
              How much money should Jess give Roscoe so that they have the same amount?

Question 6:   Paul, Gina and Bill all have some money.
              Paul has £4.20
              Gina has more money than Paul and Bill.
              Gina gives Paul and Bill £1.70 each.
              Paul and Gina now have the same amount of money.
              Bill now has half the amount of money that Gina originally had.
              How much money do they have altogether?

Question 7:   The mean of two numbers is 11.
              One of the numbers is 17.5
              Find the other number.

Question 8:   Find the median of 9, 83 14, 135, 18 and 310

Answers

✓ ✗
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