Due date	Thursday 18th January 2024
Name	

Trinity
Academy
Grammar

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB4.1

Name :   FB4.1

Question 1 Find 50% of £150	Question 2 Find 25% of £172	Question 3 Round 341 to the nearest 10	Question 4 Round 1043 to the nearest 100
Question 5 Round 0.6 correct to 1 decimal place	Question 6 Round 1.16 correct to 1 decimal place	Question 7 Work out $9 + 11 \times 2$	Question 8 Work out $10 \times (9 - 5)$
Question 9 What is the 1st prime number?	Question 10 List the factors of 11	Question 11 Work out $90 \times 30 =$	Question 12 Work out $68 \times 80 =$
Question 13 Simplify 26 : 39	Question 14 Simplify 132 : 48	Question 15 What is the time 50 minutes after 4:20?	Question 16 What is the time 50 minutes after 1:40?
Question 17 Work out $0.4 \times 100 =$	Question 18 Work out $1.895 \times 10 =$	Question 19 Simplify $6a + 2b + 3a + 4b$	Question 20 Simplify $9a + 5b + 3a + 3b$

Question 21
What is 'data'?

Score

Due date	Thursday 25th January 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB4.2

Question 1	Question 2	Question 3	Question 4
Find 50% of £74	Find 25% of £292	Round 3167 to the nearest 10	Round 3837 to the nearest 100

Question 5	Question 6	Question 7	Question 8
Round 0.98 correct to 1 decimal place	Round 8.65 correct to 1 decimal place	Work out 8 × 3 - 2	Work out 10 × (9 - 3)

Question 9	Question 10	Question 11	Question 12
List the factors of 16	What is the 10th multiple of 6?	Work out 30 × 90 =	Work out 67 × 30 =

Question 13	Question 14	Question 15	Question 16
Simplify 20 : 12	Simplify 12 : 66	What is the time 35 minutes after 11:25?	What is the time 5 minutes before 8:50?

Question 17	Question 18	Question 19	Question 20
Work out 44 × 100 =	Work out 2.484 × 100 =	Simplify 9a + 4b + 7a + 7b	Simplify 5a + 2b + 8a + 7b

Question 21
Circle any coefficients in the expression $3x^2 + 2x + 4$

Score

Due date	Thursday 1st February 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB4.3

Question 1	Question 2	Question 3	Question 4
Find 50% of £76	Find 25% of £192	Round 4734 to the nearest 10	Round 328 to the nearest 100

Question 5	Question 6	Question 7	Question 8
Round 0.59 correct to 1 decimal place	Round 3.35 correct to 1 decimal place	Work out $5 \times 3 + 5$	Work out $3 \times 3 + 2$

Question 9	Question 10	Question 11	Question 12
What is the 9th multiple of 3?	What is the 7th prime number?	Work out $60 \times 90 =$	Work out $69 \times 20 =$

Question 13	Question 14	Question 15	Question 16
Simplify 60 : 75	Simplify 10 : 22	What is the time 10 minutes before 1:55?	What is the time 5 minutes before 1:50?

Question 17	Question 18	Question 19	Question 20
Work out $219.8 \times 10 =$	Work out $29.5 \times 1000 =$	Simplify $9a + 2b + 5a + 8b$	Simplify $10a + 3b - 4a + 5b$

Question 21
Circle any variables in the expression $3x^2 + 2x + 4$

Score

Due date	Thursday 8th February 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB4.4

Question 1
Find 50% of £172

Question 2
Find 25% of £80

Question 3
Round 926 to the nearest 10

Question 4
Round 2401 to the nearest 100

Question 5
Round 0.31 correct to 1 decimal place

Question 6
Round 1.84 correct to 1 decimal place

Question 7
Work out 48 - 4 × 4

Question 8
Work out 2 × 3 - 2

Question 9
What is the 8th prime number?

Question 10
What is the 3rd prime number?

Question 11
Work out   80 × 60 =

Question 12
Work out   41 × 20 =

Question 13
Simplify 60 : 15

Question 14
Simplify 44 : 55

Question 15
What is the time 10 minutes after 3:40?

Question 16
What is the time 15 minutes before 7:20?

Question 17
Work out   10.74 × 10 =

Question 18
Work out   15.42 × 10 =

Question 19
Simplify 10a + 4b + 7a + 8b

Question 20
Simplify 8a + 4b - 7a + 3b

Question 21
Circle any constants in the expression $3x^2 + 2x + 4$

Score

Due date	Thursday 22nd February 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB4.5

Question 1 Find 50% of £76	**Question 2** Find 25% of £168	**Question 3** Round 719 to the nearest 100	**Question 4** Round 2312 to the nearest 100
Question 5 Round 0.76 correct to 1 decimal place	**Question 6** Round 1.26 correct to 1 decimal place	**Question 7** Work out 59 - 12 × 3	**Question 8** Work out 8 × (3 + 3)
Question 9 What is the 5th prime number?	**Question 10** List the factors of 49	**Question 11** Work out 80 × 50 =	**Question 12** Work out 42 × 90 =
Question 13 Simplify 28 : 56	**Question 14** Simplify 9 : 6	**Question 15** What is the time 40 minutes before 10:45?	**Question 16** What is the time 45 minutes before 6:15?
Question 17 Work out 13.98 × 1000 =	**Question 18** Work out 5.73 × 100 =	**Question 19** Simplify 9a + 3b + 6a + 6b	**Question 20** Simplify 9a + 5b - 8a + 4b

Question 21
What is an 'exponent'?

Score [   ]

Due date	Thursday 29th February 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB5.1

Name :   FB5.1

Question 1	Question 2	Question 3	Question 4
Work out $\frac{1}{3}$ of £27	Work out $\frac{10}{11}$ of £132	Solve $9x + 5 = 59$	Solve $11x - 4 = -48$
Question 5	**Question 6**	**Question 7**	**Question 8**
Find 10% of £100	Find 5% of £740	Express as an improper fraction $$2\frac{2}{7} =$$	Express as a mixed number $$\frac{27}{7} =$$
Question 9	**Question 10**	**Question 11**	**Question 12**
Work out $6.7 \times 1000 =$	Workout $5.17 \div 1000 =$	Expand $4(11x + 7)$	Simplify $5a + 2b + 6a - 6b$
Question 13	**Question 14**	**Question 15**	**Question 16**
Work out $5 \times 5 + 4$	Work out $4 \times 3 - 4$	Find the sum of £4.20, £2.12 and 43p	How much change would you get from £10 if you spent £1.72 and £1.22?
Question 17	**Question 18**	**Question 19**	**Question 20**
Round 2099 to the nearest 100	Round 1749 to the nearest 100	Complete 35 m = ... cm	Complete 8500 m = ... km

Question 21
What does product mean?

Score

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB5.2

Question 1 Work out $\frac{1}{6}$ of £120	**Question 2** Work out $\frac{5}{7}$ of £84	**Question 3** Solve 15x - 6 = 54	**Question 4** Solve 3x - 3 = 3
Question 5 Find 10% of £90	**Question 6** Find 20% of £580	**Question 7** Express as an improper fraction $4\frac{2}{3} =$	**Question 8** Express as a mixed number $\frac{15}{4} =$
Question 9 Work out 6.9 × 100 =	**Question 10** Workout 3.68 ÷ 10 =	**Question 11** Expand 2(3 - 5x)	**Question 12** Simplify 8a + 4b - 3a + 3b
Question 13 Work out $39 - 12 \times 3$	**Question 14** Work out $4 \times (14 - 5)$	**Question 15** Find the sum of £5.20, £8.27 and 57p	**Question 16** What is £10 - 2 × £0.55?
Question 17 Round 88 to the nearest 10	**Question 18** Round 7461 to the nearest 100	**Question 19** Complete 3970 cm = ... m	**Question 20** Complete 10 km = ... m

Question 21
In 49145 which is the first significant figure

Score [ ]

Due date	Thursday 14th March 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB5.3

Name :   FB5.3

Question 1	Question 2	Question 3	Question 4
Work out $\frac{1}{9}$ of £108	Work out $\frac{1}{7}$ of £84	Solve $14x + 2 = 37$	Solve $13x - 5 = 60$
Question 5 Find 10% of £90	**Question 6** Find 20% of £800	**Question 7** Express as an improper fraction $2\frac{1}{2} =$	**Question 8** Express as a mixed number $\frac{21}{6} =$
Question 9 Work out 65.7 × 10 =	**Question 10** Workout 52 ÷ 10 =	**Question 11** Expand 5(2x - 5)	**Question 12** Simplify 6a + 4b + 7a + 3b
Question 13 Work out $7 \times 4 - 5$	**Question 14** Work out $11 + 3 \times 5^2$	**Question 15** Find the sum of £7.20, £4.43 and 26p	**Question 16** How much change would you get from £10 if you spent £2.86 and £1.31?
Question 17 Round 2979 to the nearest 100	**Question 18** Round 283 to the nearest 1000	**Question 19** Complete 2090 cm = ... m	**Question 20** Complete 4000 m = ... km

Question 21
What does solve mean?

Score

Due date	Thursday 21st March 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB5.4

Name :

Question 1 Work out $\frac{1}{6}$ of £66	**Question 2** Work out $\frac{2}{5}$ of £25	**Question 3** Solve 6x - 4 = 38	**Question 4** Solve 2x - 2 = 0
Question 5 Find 10% of £30	**Question 6** Find 20% of £200	**Question 7** Express as an improper fraction $$3\frac{1}{2} =$$	**Question 8** Express as a mixed number $$\frac{14}{5} =$$
Question 9 Work out 62.2 × 10 =	**Question 10** Workout 77 ÷ 1000 =	**Question 11** Expand 3(5x - 11)	**Question 12** Simplify 8a + 3b - 4a - 5b
Question 13 Work out $5 \times (2 + 3)$	**Question 14** Work out $5 \times (6 + 2) \times 3$	**Question 15** Find the sum of £8.20, £7.01 and 25p	**Question 16** What is £10 - 3 × £1.13?
Question 17 Round 239 to the nearest 100	**Question 18** Round 5191 to the nearest 100	**Question 19** Complete 3560 cm = ... m	**Question 20** Complete 5.5 km = ... m

Question 21
What is an expression

Score

Due date	Thursday 28th March 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB5.5

Name : FB5.5

Question 1 Work out $\frac{1}{5}$ of £35	Question 2 Work out $\frac{4}{5}$ of £55	Question 3 Solve 15x - 2 = 13	Question 4 Solve 8x + 2 = -30
Question 5 Find 10% of £100	Question 6 Find 5% of £420	Question 7 Express as an improper fraction $2\frac{2}{3} =$	Question 8 Express as a mixed number $\frac{32}{7} =$
Question 9 Work out 66.7 × 100 =	Question 10 Workout 7.9 ÷ 10 =	Question 11 Expand 2(3x + 7)	Question 12 Simplify 10a + 2b + 4a + 7b
Question 13 Work out $5 \times 5 - 2$	Question 14 Work out $6 + 7 \times 5^2$	Question 15 Find the sum of £8.30, £5.83 and 44p	Question 16 How much change would you get from £10 if you spent £0.50 and £3.75?
Question 17 Round 3045 to the nearest 100	Question 18 Round 7782 to the nearest 1000	Question 19 Complete 1170 cm = ... m	Question 20 Complete 4000 m = ... km

Question 21
What does simplify mean?

Score

Due date	Thursday 11th April 2024
Name	

GCSE Maths homework 10r4

Year 10 terms 3 & 4

Knowledge Check

Homework Sheet FB5.6

Question 1 Work out $\frac{1}{5}$ of £95	**Question 2** Work out $\frac{3}{11}$ of £77	**Question 3** Solve 12x + 3 = 99	**Question 4** Solve 6x - 5 = 7
Question 5 Find 10% of £90	**Question 6** Find 20% of £160	**Question 7** Express as an improper fraction $4\frac{1}{4} =$	**Question 8** Express as a mixed number $\frac{3}{2} =$
Question 9 Work out 7.5 × 1000 =	**Question 10** Workout 319 ÷ 10 =	**Question 11** Expand 6(2 - 7x)	**Question 12** Simplify 5a + 5b + 3a - 7b
Question 13 Work out $5 \times (3 + 4)$	**Question 14** Work out $3 + 2 \times 5^2$	**Question 15** Find the sum of £6.10, £7.73 and 33p	**Question 16** How much change would you get from £10 if you spent £2.10 and £0.77?
Question 17 Round 352 to the nearest 10	**Question 18** Round 4331 to the nearest 1000	**Question 19** Complete 2790 cm = ... m	**Question 20** Complete 13000 m = ... km

Question 21
What is a parallelogram?

Score