

Name :

FA2.1

Question 1 Expand and simplify $5(3x - 5) + 2(3x + 2)$	Question 2 Expand and simplify $4(2x - 4) - 3(2x + 3)$	Question 3 Solve $5(5x - 6) = -67.5$	Question 4 Solve $4(3x + 5) = 2$
Question 5 Work out $21 \times \text{£}9.40$	Question 6 Work out $\text{£}798 \div 14$	Question 7 Express 20 as a product of prime factors	Question 8 Express 120 as a product of prime factors
Question 9 Find the nth term: 8, 18, 28, 38, 48,...	Question 10 If the nth term of a sequence is $12n - 6$ what is the 8th term?	Question 11 Find 60% of $\text{£}980$	Question 12 Find 80% of $\text{£}120$
Question 13 Complete $0.13 \text{ l} \dots 350 \text{ ml}$ ($<$ = or $>$)	Question 14 Complete $0.3 \text{ l} \dots 380 \text{ ml}$ ($<$ = or $>$)	Question 15 Work out the value of $19 - a$ when $a = 3$	Question 16 Work out the value of $c \div 8$ when $c = 56$
Question 17 Work out $0.07 \times 0.5 =$	Question 18 Work out $0.7 \times 0.5 =$	Question 19 Simplify $100 \text{ mm} : 110 \text{ cm}$	Question 20 Simplify $1.1 \text{ kg} : 2200 \text{ g}$

SKILLS CHECK

Score

Name :

FA2.2

Question 1 Expand and simplify $4(2x + 4) + 2(3x - 5)$	Question 2 Expand and simplify $3(3x + 4) + 2(5x - 3)$	Question 3 Solve $5(5x + 6) = 5$	Question 4 Solve $5(3x - 4) = -80$
Question 5 Work out $32 \times \text{£}29.70$	Question 6 Work out $\text{£}1240 \div 16$	Question 7 Express 165 as a product of prime factors	Question 8 Express 336 as a product of prime factors
Question 9 Find the nth term: 11, 23, 35, 47, 59,...	Question 10 If the nth term of a sequence is $5n + 2$ what is the 8th term?	Question 11 Find 60% of $\text{£}820$	Question 12 Find 55% of $\text{£}300$
Question 13 Complete 60 mm5.5 cm ($<$ = or $>$)	Question 14 Complete 0.4 l.....120 ml ($<$ = or $>$)	Question 15 Work out the value of $22 - 2x$ when $x = 8$	Question 16 Work out the value of $2b$ when $b = 6$
Question 17 Work out $0.8 \times 0.06 =$	Question 18 Work out $0.09 \times 1 =$	Question 19 Simplify $0.9 \text{ kg} : 3300 \text{ g}$	Question 20 Simplify $11 \text{ kg} : 7000 \text{ g}$

SKILLS CHECK

Score

Name :

FA2.3

Question 1 Expand and simplify $2(2x + 3) + 4(5x + 3)$	Question 2 Expand and simplify $4(2x + 4) + 5(4x + 3)$	Question 3 Solve $4(5x + 2) = 128$	Question 4 Solve $5(7x + 3) = -125$
Question 5 Work out $21 \times \text{£}45.70$	Question 6 Work out $\text{£}210 \div 12$	Question 7 Express 144 as a product of prime factors	Question 8 Express 72 as a product of prime factors
Question 9 Find the nth term: 6, 9, 12, 15, 18, ...	Question 10 If the nth term of a sequence is $3n - 4$ what is the 10th term?	Question 11 Find 15% of $\text{£}800$	Question 12 Find 40% of $\text{£}720$
Question 13 Complete $2.73\text{kg} \dots\dots 2130\text{g}$ ($<$ = or $>$)	Question 14 Complete $3980\text{ m} \dots\dots 1.08\text{ km}$ ($<$ = or $>$)	Question 15 Work out the value of $5b - 9$ when $b = 2$	Question 16 Work out the value of $23 - 2a$ when $a = 7$
Question 17 Work out $0.11 \times 1 =$	Question 18 Work out $0.06 \times 0.5 =$	Question 19 Simplify $12.6\text{ kg} : 5400\text{ g}$	Question 20 Simplify $990\text{ mm} : 45\text{ cm}$

SKILLS CHECK

Score

Name :

FA2.4

Question 1 Expand and simplify $2(2x - 3) + 2(3x + 4)$	Question 2 Expand and simplify $3(2x + 3) + 3(3x - 2)$	Question 3 Solve $4(6x - 3) = 24$	Question 4 Solve $3(3x + 5) = 69$
Question 5 Work out $35 \times \text{£}36.50$	Question 6 Work out $\text{£}1368 \div 18$	Question 7 Express 252 as a product of prime factors	Question 8 Express 120 as a product of prime factors
Question 9 Find the nth term: 6, 14, 22, 30, 38,...	Question 10 If the nth term of a sequence is $9n + 5$ what is the 8th term?	Question 11 Find 70% of $\text{£}860$	Question 12 Find 80% of $\text{£}140$
Question 13 Complete 2.2 m..... 300 cm ($<$ = or $>$)	Question 14 Complete 2 kg 2420 g ($<$ = or $>$)	Question 15 Work out the value of $5b - 4$ when $b = 7$	Question 16 Work out the value of $22 - 2y$ when $y = 10$
Question 17 Work out $0.06 \times 0.8 =$	Question 18 Work out $0.8 \times 0.05 =$	Question 19 Simplify $3.3 \text{ kg} : 5500 \text{ g}$	Question 20 Simplify $30 \text{ mm} : 21 \text{ cm}$

SKILLS CHECK

Score

Name :

FA2.5

Question 1 Expand and simplify $4(2x - 4) + 4(5x + 2)$	Question 2 Expand and simplify $2(3x - 2) - 5(3x + 2)$	Question 3 Solve $4(5x + 6) = 64$	Question 4 Solve $2(7x + 4) = -48$
Question 5 Work out $18 \times \text{£}17.10$	Question 6 Work out $\text{£}352 \div 22$	Question 7 Express 540 as a product of prime factors	Question 8 Express 56 as a product of prime factors
Question 9 Find the nth term: 4, 13, 22, 31, 40,...	Question 10 If the nth term of a sequence is $12n - 3$ what is the 9th term?	Question 11 Find 40% of $\text{£}240$	Question 12 Find 55% of $\text{£}540$
Question 13 Complete 2190 ml..... 1.48 l ($<$ = or $>$)	Question 14 Complete 1760 m1.59 km ($<$ = or $>$)	Question 15 Work out the value of $21 - a$ when $a = 1$	Question 16 Work out the value of $24 - 2a$ when $a = 10$
Question 17 Work out $0.4 \times 0.5 =$	Question 18 Work out $0.9 \times 0.2 =$	Question 19 Simplify $160 \text{ mm} : 56 \text{ cm}$	Question 20 Simplify $7 \text{ kg} : 4200 \text{ g}$

SKILLS CHECK

Score

Name :

FA2.6

Question 1 Expand and simplify $5(2x - 5) + 5(5x - 3)$	Question 2 Expand and simplify $2(3x - 2) - 2(3x + 5)$	Question 3 Solve $2(3x + 4) = 2$	Question 4 Solve $5(7x + 5) = 235$
Question 5 Work out $32 \times \text{£}29.40$	Question 6 Work out $\text{£}1239 \div 21$	Question 7 Express 360 as a product of prime factors	Question 8 Express 80 as a product of prime factors
Question 9 Find the nth term: 14, 25, 36, 47, 58,...	Question 10 If the nth term of a sequence is $9n + 6$ what is the 7th term?	Question 11 Find 20% of $\text{£}820$	Question 12 Find 45% of $\text{£}920$
Question 13 Complete $200 \text{ cm} \dots\dots 2.6 \text{ m}$ ($<$ = or $>$)	Question 14 Complete $0.18 \text{ l} \dots\dots 240 \text{ ml}$ ($<$ = or $>$)	Question 15 Work out the value of $20 - 2a$ when $a = 3$	Question 16 Work out the value of $2a - 6$ when $a = 9$
Question 17 Work out $0.12 \times 1.1 =$	Question 18 Work out $0.11 \times 1.2 =$	Question 19 Simplify $50 \text{ mm} : 25 \text{ cm}$	Question 20 Simplify $120 \text{ mm} : 6 \text{ cm}$

SKILLS CHECK

Score

Name :

FA2.7

Question 1 Expand and simplify $5(3x - 5) + 4(6x + 5)$	Question 2 Expand and simplify $2(2x - 3) - 5(5x + 4)$	Question 3 Solve $5(4x - 5) = 75$	Question 4 Solve $4(3x - 4) = 14$
Question 5 Work out $28 \times \text{£}22.10$	Question 6 Work out $\text{£}1224 \div 18$	Question 7 Express 216 as a product of prime factors	Question 8 Express 1120 as a product of prime factors
Question 9 Find the nth term: -3, -1, 1, 3, 5,...	Question 10 If the nth term of a sequence is $6n - 2$ what is the 5th term?	Question 11 Find 95% of $\text{£}220$	Question 12 Find 40% of $\text{£}520$
Question 13 Complete $330 \text{ cm} \dots\dots 2 \text{ m}$ ($<$ = or $>$)	Question 14 Complete $1.59 \text{ kg} \dots\dots 2960 \text{ g}$ ($<$ = or $>$)	Question 15 Work out the value of $29 - 4c$ when $c = 9$	Question 16 Work out the value of $y - 3$ when $y = 9$
Question 17 Work out $1.2 \times 0.2 =$	Question 18 Work out $0.04 \times 1.2 =$	Question 19 Simplify $3.5 \text{ kg} : 4900 \text{ g}$	Question 20 Simplify $180 \text{ mm} : 66 \text{ cm}$

