Name :

FB3.1

Question 1 Calculate the mean 6, 2, 16, 4, 37	**Question 2** Find the median 6, 19, 14, 7, 15	**Question 3** Expand 6(5 + 11x)	**Question 4** Expand 4x(5 - 11x)
Question 5 Work out the value of $2a^2$ when a = 9	**Question 6** Work out the value of $6y - 6$ when y = 2	**Question 7** Work out 43 - 2 × 2	**Question 8** Work out 2 × 3 + 2 × 5
Question 9 Simplify 6a + 3b + 6a + 3b	**Question 10** Simplify 5a + 3b + 5a + 3b	**Question 11** Work out 1.67 × 10 =	**Question 12** Work out 0.8 × 100 =
Question 13 Simplify $\frac{11}{121} =$	**Question 14** Simplify $\frac{4}{20} =$	**Question 15** Complete 14000 m = ... km	**Question 16** Complete 11500 m = ... km
Question 17 Solve x × 12 = 84	**Question 18** Solve 13x - 3 = -16	**Question 19** How much change would you get from £10 if you spent £1.99 and £1.32?	**Question 20** How much change would you get from £10 if you spent £1.95 and £0.64?

SKILLS CHECK

Score

Name :

FB3.2

Question 1 Calculate the mean 25, 13, 13, 5, 69	**Question 2** Calculate the mean 2, 5, 7, 2, 54	**Question 3** Expand 3(11x + 1)	**Question 4** Expand 6x(11x - 1)
Question 5 Work out the value of $27 + 4a$ when a = 2	**Question 6** Work out the value of $16 + 3a$ when a = 3	**Question 7** Work out 59 - 8 × 3	**Question 8** Work out 2 + 5 × 3 + 12
Question 9 Simplify 9a + 2b + 5a + 5b	**Question 10** Simplify 8a + 2b + 4a + 3b	**Question 11** Work out 161.4 × 10 =	**Question 12** Work out 240.2 × 10 =
Question 13 Simplify $\frac{12}{18} =$	**Question 14** Simplify $\frac{15}{35} =$	**Question 15** Complete 120 mm = ... cm	**Question 16** Complete 160 mm = ... cm
Question 17 Solve x + 11 = 19	**Question 18** Solve 4x - 4 = 6	**Question 19** How much change would you get from £10 if you spent £2.75 and £2.72?	**Question 20** How much change would you get from £10 if you spent £2.08 and £1.46?

SKILLS CHECK

Score

Name :

FB3.3

Question 1 Find the median 10, 10, 13, 12, 6	**Question 2** Find the median 11, 13, 7, 13, 16	**Question 3** Expand 5(3x + 7)	**Question 4** Expand 4x(5x - 7)
Question 5 Work out the value of $10 + 3b^2$ when b = 6	**Question 6** Work out the value of 30 + a when a = 2	**Question 7** Work out 2 × 2 + 3	**Question 8** Work out 3 + 3 × 3 + 2
Question 9 Simplify 7a + 2b + 3a + 6b	**Question 10** Simplify 9a + 5b - 4a + 3b	**Question 11** Work out 2.85 × 1000 =	**Question 12** Work out 26.8 × 100 =
Question 13 Simplify $\frac{3}{21} =$	**Question 14** Simplify $\frac{4}{44} =$	**Question 15** Complete 15000 m = ... km	**Question 16** Complete 35.2 m = ... cm
Question 17 Solve x ÷ 12 = 5	**Question 18** Solve 6x + 5 = -19	**Question 19** How much change would you get from £10 if you spent £0.81 and £2.66?	**Question 20** How much change would you get from £5 if you spent £1.61 and £1.83?

SKILLS CHECK

Score