Calculations for KS2 SATS Reasoning Papers, 2025

Paper 2

5350 – 100

7550 + 1000

£2 + 50p + 20p

50p + 50p + 50p + 20p + 20p

£2.70 – £1.90

Is 8 a factor of 24, 42, 78, 112

5,639,728 + 2000

35 ÷ 3

35 ÷ 4

331 + 295

860 – 626

600 ÷ 10

1 × 100

4.3 × 8

2.6 × 2

3.1 × 2

34.4 + 5.2 + 6.2

$\frac{1}{4}$ as a decimal

1.4 – 1.25

£6 ÷ 8

$\frac{2}{3} = \frac{}{6}$

$\frac{2}{3} = \frac{}{9}$

$\frac{2}{3} = \frac{}{12}$

$\frac{2}{3} = \frac{}{15}$

$\frac{2}{3} = \frac{}{21}$

£780 ÷ 12

£27 + £16

£65 – £43

List all the prime numbers below 24

___ + ___ using 2, 3, 5, 7, 11, 13, 17, 19, 23

3.56 × 100

6.5 × 10

356 – 65

$2 \times 12 \times 1\frac{1}{2}$

24 ÷ 3

Paper 3

15,961 rounded to the nearest 100

£3.28 ÷ 2

8 × 25

2250 + 200

The following fractions as mixed numbers, with multiple choice options:

$\frac{26}{4}$ $\frac{27}{5}$ $\frac{30}{4}$ $\frac{32}{5}$

£2.50 + £1.15 + 80p

£20 – £4.45

7 – 16 (number line to support)

2400 × 3

6.0 ÷ 4

1.5m + 20cm

8 + 4

9 + 4

10 + 4

5 + 4

6 + 4

7 + 4

250 × 50

3000 ÷ 40

$\frac{1}{3}$ *of* 36

$\frac{1}{2}$ *of* 20

35 × 48

1680 ÷ 56

5.65 × 1000

35.5 ÷ 100

22 ÷ 5

4.4 × 3

4 × 4

Find multiples of 7 with the digit 8

115 × 2

360 – 230

130 × 2

360 – 260

100 ÷ 2