Arithmetic SATS Questions Breakdown

Contents:

Addition

1 $979 + 100 =$

1 mark

1 $40 + 1{,}000 =$

1 mark

1 $987 + 100 =$

1 mark

1 $39 + 673 =$

1 mark

2 $707 + 1,818 =$

1 mark

2 $46 + 304 =$

1 mark

7 $\square$ = 4,500 + 600

1 mark

5 1,034 + 586 = $\square$

1 mark

7 89,994 + 7,643 = $\square$

1 mark

5 $\square = 936 + 285$

1 mark

1 $\square = 6{,}000 + 90$

1 mark

2 $\square = 8{,}275 + 82$

1 mark

20 $5,756 + 8,643 =$

1 mark

13 $\boxed{} - 100 = 1,059$

1 mark

10 $\boxed{} - 10 = 298$

1 mark

3 826 = 800 + $\square$ + 6

1 mark

15 3,050,020 = 3,000,000 + $\square$ + 20

1 mark

1 6,155 + 501 + 649 =

$\square$

1 mark

3 $10 + \boxed{} = 302$

1 mark

Adding Decimals

3 $6.1 + 0.3 =$

1 mark

8 $2.5 + 0.05 =$

1 mark

6 $2.7 + 3.014 =$

1 mark

9 $56.38 + 24.7 =$

1 mark

6 $5.87 + 3.123 =$

1 mark

16 $15.98 + 26.314 =$

1 mark

14 $3.005 + 6.12 =$

1 mark

6 $6.48 + 8.6 =$

1 mark

Subtraction

7 $472 - 9 =$

1 mark

4 $468 - 9 =$

1 mark

5 $345 - 60 =$

1 mark

7 $7,064 - 502 =$

1 mark

11 $4,912 - 824 =$

1 mark

14 $50,000 - 500 =$

1 mark

8 $\boxed{}$ = 435 – 30

1 mark

11 $\boxed{}$ = 87 – 65

1 mark

14 $\boxed{}$ = 5,776 – 855

1 mark

4 $\boxed{} + 5 = 341$

1 mark

12 $602 - \boxed{} = 594$

1 mark

28 $234{,}897 - 45{,}996 =$

$\boxed{}$

1 mark

18 122,456 – 11,999 =

1 mark

5 ☐ + 70 = 485

1 mark

9 7,306 – 1,847 =

1 mark

14 $500{,}000 - 5{,}000 =$

1 mark

Subtracting Decimals

22 $12 - 6.01 =$

1 mark

24 $15.4 - 8.88 =$

1 mark

17 $125.48 - 72.3 =$

1 mark

16 $10 - 5.4 =$

1 mark

25 $37.8 - 14.671 =$

1 mark

21 $9 - 3.45 =$

1 mark

21 $4 - 1.15 =$

1 mark

26 $6 - 5.738 =$

1 mark

19 $7 - 2.25 =$

1 mark

21 $9 - 1.9 =$

1 mark

23 $8 - 5.123 =$

1 mark

26 $26 - 2.012 =$

1 mark

Multiplication

9 $213 \times 0 =$

1 mark

2 $123 \times 2 =$

1 mark

3 $2 \times 45 =$

1 mark

5 $9 \times 41 =$

1 mark

4 $24 \times 3 =$

1 mark

10 $879 \times 3 =$

1 mark

8 $8 \times 33 =$

1 mark

10 $167 \times 4 =$

1 mark

11 $71 \times 8 =$

1 mark

16 $30 \times 40 =$

1 mark

12 $50 \times 70 =$

1 mark

2 $0 \times 989 =$

1 mark

15 $\boxed{} = 596 \times 7$

1 mark

Long Multiplication

23

$$\begin{array}{r} 54 \\ \times\ 23 \\ \hline \end{array}$$

Show your method

2 marks

23

$$\begin{array}{r} 836 \\ \times\ 27 \\ \hline \end{array}$$

Show your method

2 marks

23

$$\begin{array}{r} 71 \\ \times\ 46 \\ \hline \end{array}$$

Show your method

2 marks

29

$$\begin{array}{r} 678 \\ \times \quad 54 \\ \hline \end{array}$$

Show your method

2 marks

20

$$\begin{array}{r} 785 \\ \times \quad 23 \\ \hline \end{array}$$

Show your method

2 marks

22

$$\begin{array}{r} 4781 \\ \times \quad 23 \\ \hline \end{array}$$

Show your method

2 marks

24

$$\begin{array}{r} 4\,1\,8 \\ \times \quad 4\,6 \\ \hline \end{array}$$

Show your method

2 marks

30

$$\begin{array}{r} 6\,5\,7\,4 \\ \times \quad 3\,1 \\ \hline \end{array}$$

Show your method

2 marks

30

$$\begin{array}{r} 3\,4\,6\,8 \\ \times \quad 6\,2 \\ \hline \end{array}$$

Show your method

2 marks

29

$$\begin{array}{r} 5413 \\ \times \quad 86 \\ \hline \end{array}$$

Show your method

2 marks

19

$$\begin{array}{r} 607 \\ \times \quad 83 \\ \hline \end{array}$$

Show your method

2 marks

33

$$\begin{array}{r} 4078 \\ \times \quad 67 \\ \hline \end{array}$$

Show your method

2 marks

Multiplying Decimals

18 $1.52 \times 6 =$

1 mark

26 $15 \times 6.1 =$

1 mark

27 $3.9 \times 30 =$

1 mark

33 $0.9 \times 200 =$

1 mark

23 $0.5 \times 28 =$

1 mark

Division

3 $326 \div 1 =$

1 mark

4 $838 \div 1 =$

1 mark

4 $505 \div 1 =$

1 mark

5 $99 \div 11 =$

1 mark

6 $48 \div 6 =$

1 mark

6 $95 \div 5 =$

1 mark

7 $180 \div 3 =$

1 mark

8 $120 \div 12 =$

1 mark

13 $1{,}210 \div 11 =$

1 mark

17 $581 \div 7 =$

1 mark

10 $91 \div 7 =$

1 mark

11 $270 \div 3 =$

1 mark

12 $5{,}400 \div 9 =$

1 mark

11 $630 \div 9 =$

1 mark

9 $72 \div 9 =$

1 mark

9 $96 \div 4 =$

1 mark

22 $1,320 \div 12 =$

1 mark

13 $60 \div 15 =$

1 mark

15 $486 \div 3 =$

1 mark

16 $1{,}440 \div 12 =$

1 mark

21 $7{,}505 \div 5 =$

1 mark

4 $2{,}400 \div 2 =$ ☐

1 mark

7 ☐ $= 240 \div 8$

1 mark

8 $840 \div 5 =$ ☐

1 mark

11 $560 \div 7 =$

1 mark

13 $1{,}080 \div 9 =$

1 mark

Long Division

25

$13 \overline{)3016}$

Show your method

2 marks

20

$17 \overline{)714}$

Show your method

2 marks

28

$29 \overline{)725}$

Show your method

2 marks

25

$$37\overline{)888}$$

Show your method

2 marks

22

$$43\overline{)645}$$

Show your method

2 marks

32

$$43\overline{)1118}$$

Show your method

2 marks

34

$$37 \overline{)2331}$$

Show your method

2 marks

36

$$59 \overline{)2242}$$

Show your method

2 marks

36

$$83 \overline{)8051}$$

Show your method

2 marks

36

$97\overline{)8827}$

Show your method

2 marks

29

$73\overline{)3066}$

Show your method

2 marks

17

$21\overline{)672}$

Show your method

2 marks

BIDMAS

9 $5 \times 4 \times 7 =$

1 mark

13 $4^2 =$

1 mark

16 $3^3 =$

1 mark

8 $6^2 + 10 =$

1 mark

6 $5 \times 4 \times 10 =$

1 mark

31 $20 - 4 \times 2 =$

1 mark

36 $60 - 42 \div 6 =$

1 mark

14 $50 + (36 \div 6) =$

1 mark

15 $60 \div (30 - 24) =$

1 mark

32 $9^2 - 36 \div 9 =$

1 mark

19 $3^2 + 10 =$

1 mark

12 $6 \times 10 \times 11 =$

1 mark

35 $6 + 4 \div 2 =$

1 mark

X/÷ by 10, 100 or 1,000

12 $1.28 \times 100 =$

1 mark

15 $100 \times 100 =$

1 mark

18 $0.04 \div 10 =$

1 mark

19 $2{,}345 \times 1{,}000 =$

1 mark

20 $0.9 \div 100 =$

1 mark

14 $25.34 \times 10 =$

1 mark

17 $101 \times 1{,}000 =$

1 mark

18 $0.1 \div 100 =$

1 mark

13 $100 \times 412 =$

1 mark

20 $0.9 \div 10 =$

1 mark

20 $13.05 \times 1,000 =$

1 mark

16 $2.12 \div 10 =$

1 mark

10 $1{,}010 \times 10 =$

1 mark

Adding Fractions

19 $\frac{1}{9} + \frac{4}{9} =$

1 mark

3 $\frac{4}{6} + \frac{3}{6} =$

1 mark

35 $\frac{3}{4} + \frac{7}{8} =$

1 mark

24 $\frac{1}{5} + \frac{3}{4} =$

1 mark

24 $\frac{4}{7} + \frac{5}{7} =$

1 mark

17 $\frac{5}{7} + \frac{3}{21} =$

1 mark

24 $\frac{1}{2} + \frac{1}{5} =$

1 mark

26 $\frac{1}{4} + \frac{1}{5} + \frac{1}{10} =$

1 mark

18 $\frac{4}{9} + \frac{2}{3} =$

1 mark

25 $\frac{1}{2} + \frac{1}{3} =$

1 mark

Subtracting Fractions

10 $\frac{4}{5} - \frac{1}{5} =$

1 mark

12 $\frac{62}{100} - \frac{38}{100} =$

1 mark

2 $\frac{9}{11} - \frac{4}{11} =$

1 mark

27 $\frac{3}{10} - \frac{1}{20} =$

1 mark

28 $\frac{8}{9} - \frac{1}{4} =$

1 mark

23 $\frac{3}{4} - \frac{3}{8} =$

1 mark

32 $\frac{2}{6} - \frac{1}{8} =$

1 mark

31 $\frac{2}{7} - \frac{1}{9} =$

1 mark

Adding Mixed Numbers

25 $1\frac{3}{4} + \frac{3}{4} =$

1 mark

31 $1\frac{4}{5} + \frac{3}{10} =$

1 mark

26 $1\frac{1}{5} + 2\frac{1}{10} =$

1 mark

30 $2\frac{1}{3} + \frac{5}{6} =$

1 mark

21 $\frac{2}{3} + 2\frac{1}{3} =$

1 mark

Subtracting Mixed Numbers

22 $1\frac{3}{7} - \frac{4}{7} =$

1 mark

33 $1\frac{1}{5} - \frac{1}{4} =$

1 mark

35 $1\frac{1}{4} - \frac{1}{3} =$

1 mark

32 $2\frac{1}{2} - \frac{3}{4} =$

1 mark

28 $1\frac{1}{15} - \frac{2}{5} =$

1 mark

35 $4\frac{2}{3} - 1\frac{6}{7} =$

1 mark

34 $10 - 2\frac{1}{4} =$

1 mark

32 $2\frac{1}{2} - \frac{2}{3} =$

1 mark

Fraction X by a Fraction

26 $\frac{1}{4} \times \frac{1}{8} =$

1 mark

15 $\frac{4}{6} \times \frac{3}{5} =$

1 mark

Fraction ÷ by an Integer

32 $\frac{2}{5} \div 2 =$

1 mark

36 $\frac{3}{4} \div 2 =$

1 mark

33 $\frac{3}{5} \div 3 =$

1 mark

31 $\frac{2}{3} \div 3 =$

1 mark

31 $\frac{1}{4} \div 2 =$

1 mark

27 $\frac{4}{5} \div 4 =$

1 mark

28 $\frac{5}{8} \div 2 =$

1 mark

24 $\frac{1}{8} \div 2 =$

1 mark

Mixed Number X by Integer

30 $17 \times 1\frac{1}{2} =$

1 mark

35 $1\frac{1}{2} \times 57 =$

1 mark

33 $1\frac{1}{2} \times 40 =$

1 mark

34 $1\frac{3}{4} \times 10 =$

1 mark

Fraction X by an Integer

34 $\frac{2}{5} \times 140 =$

1 mark

35 $\frac{5}{6} \times 540 =$

1 mark

36 $\frac{4}{5} \times 400 =$

1 mark

Fraction of an Amount

19 $\frac{3}{4}$ of 1,000 =

1 mark

22 $\frac{7}{10}$ of 30 =

1 mark

Percentage of an Amount

17 20% of 1,500 =

1 mark

25 20% of 1,800 =

1 mark

21 20% of 1,200 =

1 mark

18 20% of $3{,}000 =$

1 mark

29 $15\% \times 440 =$

1 mark

27 95% of $240 =$

1 mark

30 99% of 200 =

1 mark

29 45% of 460 =

1 mark

31 7% of 500 =

1 mark

34 $15\% \times 1{,}000 =$

1 mark

27 35% of $320 =$

1 mark

33 36% of $450 =$

1 mark

29 51% of 900 =

1 mark

34 28% of 650 =

1 mark

27 15% of 3,200 =

1 mark

28 2% of 3,000 =

1 mark

30 80% of 115 =

1 mark