

SATs Buster Booklet



- Find enclosed scheduled arithmetic practice questions to complete at home, as we build towards SATs. The questions gradually get more challenging so please stick to the schedule.
- There are 2 available pages a week.
- Spend no more than 10 minutes per page.

Week 1A: 20.01.25

1	$769 + 54 =$	5	$\frac{1}{7} \times \frac{1}{2} =$	9	$1 - \frac{3}{7} =$
2	$84 \div 4 =$	6	$\frac{3}{5} + \frac{1}{4} =$	10	$\frac{5}{6} - \frac{1}{3} =$
3	$53 \times 4 =$	7	$39.4 - 6.52 =$	Reasoning	A pack of paper has 150 sheets. 4 children each take 7 sheets. How many sheets of paper are left in the packet?
4	$5635 - 29 =$	8	$\frac{1}{4}$ of 604 =		

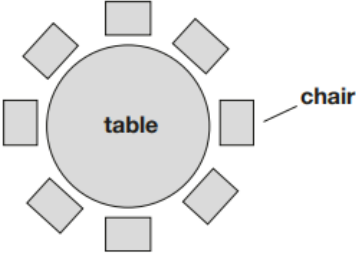
Week 1B: 20.01.25

1	$978 + 54 =$	5	$\frac{1}{6} \times \frac{1}{3} =$	9	$1 - \frac{7}{8} =$
2	$95 \div 5 =$	6	$\frac{1}{5} + \frac{3}{4} =$	10	$\frac{5}{8} - \frac{1}{4} =$
3	$67 \times 3 =$	7	$58.5 - 7.32 =$	Reasoning	Circle the greatest number. 9,206,499 9,215,300 9,206,504 9,215,298 9,206,909
4	$7834 - 37 =$	8	$\frac{1}{4}$ of 756 =		

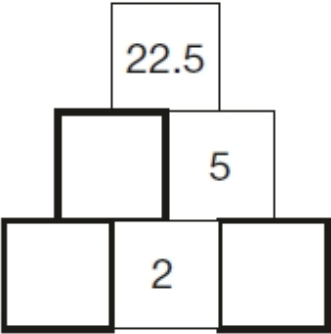
Week 2A: 27.01.25

1	$879 + 47 =$	5	$\frac{1}{9} \times \frac{1}{4} =$	9	$1 - \frac{5}{9} =$
2	$92 \div 4 =$	6	$\frac{3}{4} + \frac{1}{5} =$	10	$\frac{3}{8} - \frac{1}{4} =$
3	$76 \times 4 =$	7	$42.5 - 3.48 =$	Reasoning	Large pizzas cost £8.50 each. Small pizzas cost £6.75 each. Five children together buy one large pizza and three small pizzas. They share the cost equally. How much does each child pay?
4	$6228 - 37 =$	8	$\frac{1}{4} \text{ of } 328 =$		

Week 2B: 27.01.25

1	$978 + 38 =$	5	$\frac{1}{7} \times \frac{1}{4} =$	9	$1 - \frac{5}{7} =$
2	$96 \div 3 =$	6	$\frac{3}{5} + \frac{1}{4} =$	10	$\frac{5}{8} - \frac{1}{4} =$
3	$87 \times 5 =$	7	$62.5 - 5.38 =$	Reasoning	One table can seat 8 people.  How many tables are needed to seat 40 people? tables
4	$6228 - 37 =$	8	$\frac{1}{4}$ of 428 =		

Week 3A: 03.02.25

1	$657 + 89 =$	5	$\frac{1}{12} \times \frac{1}{3} =$	9	$1 - \frac{7}{11} =$
2	$51 \div 3 =$	6	$\frac{1}{6} + \frac{3}{4} =$	10	$\frac{5}{9} - \frac{1}{3} =$
3	$82 \times 6 =$	7	$75.4 - 8.14 =$	Reasoning	Here is a number pyramid. The number in a box is the product of the two numbers below it. Write the missing numbers. 
4	$4187 - 48 =$	8	$\frac{1}{4} \text{ of } 528 =$		

Week 3B: 03.02.25

1	$867 + 68 =$	5	$\frac{1}{2} \times \frac{1}{5} =$	9	$1 - \frac{6}{11} =$
2	$72 \div 3 =$	6	$\frac{1}{4} + \frac{3}{5} =$	10	$\frac{7}{9} - \frac{2}{3} =$
3	$64 \times 6 =$	7	$65.3 - 9.15 =$	Reasoning	Write the missing number to make this addition correct. $400,000 + \boxed{} + 70 = 430,070$
4	$5196 - 47 =$	8	$\frac{1}{4}$ of 628 =		

Week 4A: 10.02.25

1	$786 + 93 =$	5	$\frac{3}{5} \times \frac{2}{3} =$	9	$\frac{5}{8} - \frac{1}{3} =$
2	$96 \div 4 =$	6	$\frac{4}{7} + \frac{3}{5} =$	10	$40 \times 60 =$
3	$77 \times 4 =$	7	$15.6 + 8.14 =$	Reasoning	Lara chooses a number less than 100. She divides it by 3 and then subtracts 11. She then divides this result by 2. Her answer is 10. What was the number she started with?
4	$5241 - 74 =$	8	$\frac{3}{4} \text{ of } 528 =$		

Week 4B: 10.02.25

1	$456 + 89 =$	5	$\frac{2}{5} \times \frac{1}{4} =$	9	$\frac{7}{8} - \frac{2}{3} =$
2	$108 \div 4 =$	6	$\frac{3}{7} + \frac{2}{5} =$	10	$30 \times 60 =$
3	$89 \times 4 =$	7	$17.3 + 8.52 =$	Reasoning	One tonne is 1,000 kilograms. A truck can carry a load of 2.3 tonnes. How many kilograms can the truck carry? kg
4	$6282 - 73 =$	8	$\frac{3}{4}$ of 728 =		

Week 5A: 17.02.25

1	4251 + 741 =	5	$\frac{6}{7} \times \frac{3}{4} =$	9	$\frac{4}{9} - \frac{2}{5} =$										
2	6600 ÷ 6 =	6	$\frac{6}{10} + \frac{6}{7} =$	10	80 x 60 =										
3	425 x 3 =	7	30.9 + 9.59 =	Reasoning	Here are the ingredients for chocolate ice cream. <table><tr><td>cream</td><td>400 ml</td></tr><tr><td>milk</td><td>500 ml</td></tr><tr><td>egg yolks</td><td>4</td></tr><tr><td>chocolate</td><td>120 g</td></tr><tr><td>sugar</td><td>100 g</td></tr></table> 	cream	400 ml	milk	500 ml	egg yolks	4	chocolate	120 g	sugar	100 g
cream	400 ml														
milk	500 ml														
egg yolks	4														
chocolate	120 g														
sugar	100 g														
4	9171 – 530 =	8	$\frac{3}{5}$ of 660 =	Stefan has only 300 ml of cream to make chocolate ice cream. How much chocolate should he use?											

Week 5B: 17.02.25

1	$7352 + 859 =$	5	$\frac{4}{7} \times \frac{1}{4} =$	9	$\frac{4}{9} - \frac{2}{5} =$
2	$5500 \div 11 =$	6	$\frac{5}{10} + \frac{5}{7} =$	10	$90 \times 60 =$
3	$467 \times 3 =$	7	$20.8 + 9.47 =$	Reasoning	Emma has a 5 litre bag of compost.  She uses 2.75 litres. How much compost does Emma have left? litres
4	$10452 - 533 =$	8	$\frac{4}{5}$ of 550 =		

Week 6A: 24.02.25

1	$7482 + 638 =$	5	$\frac{5}{11} \times \frac{2}{3} =$	9	$\frac{7}{8} - \frac{1}{5} =$
2	$7240 \div 4 =$	6	$\frac{7}{8} + \frac{4}{5} =$	10	$20 \times 90 =$
3	$617 \times 4 =$	7	$36.08 + 7.4 =$	Reasoning	Find the missing digits. $\begin{array}{r} 347\Box \\ + 1\Box75 \\ \hline 5051 \end{array}$
4	$8254 - 630 =$	8	$\frac{3}{7} \text{ of } 399 =$		

Week 6B: 24.02.25

1	$8943 + 738 =$	5	$\frac{4}{9} \times \frac{2}{5} =$	9	$\frac{5}{8} - \frac{2}{5} =$
2	$8260 \div 4 =$	6	$\frac{5}{8} + \frac{3}{5} =$	10	$60 \times 50 =$
3	$323 \times 4 =$	7	$47.08 + 8.9 =$	Reasoning	In a race, Ali completes a swim, a run and a bicycle ride. The swim is $\frac{1}{10}$ of the total distance. The run is $\frac{3}{10}$ of the total distance. What fraction of the total distance is the bicycle ride?
4	$8264 - 740 =$	8	$\frac{3}{7}$ of 434 =		

Week 7A: 03.03.25

1	$208.6 + 57.9 =$	5	$\frac{5}{12} \times \frac{2}{3} =$	9	$10\% \text{ of } 480 =$
2	$325.2 - 65.3 =$	6	$\frac{7}{12} + \frac{2}{5} =$	10	$5\% \text{ of } 200 =$
3	$8 \times 0.3 =$	7	$\frac{1}{3} \div 5 =$	Reasoning	$\times 10 = 350.5$ 460 $\div$ $= 4.6$ 2.3 $\times$ $= 2300$
4	$900 \times 3 =$	8	$\frac{8}{9} - \frac{1}{2} =$		

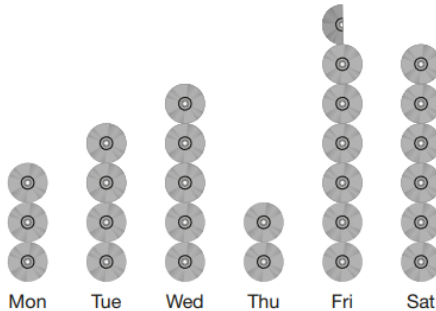
Week 7B: 03.03.25

1	$409.6 + 56.7 =$	5	$\frac{7}{12} \times \frac{2}{5} =$	9	$10\% \text{ of } 450 =$
2	$456.1 - 67.4 =$	6	$\frac{11}{12} + \frac{3}{5} =$	10	$5\% \text{ of } 300 =$
3	$7 \times 0.4 =$	7	$\frac{1}{4} \div 3 =$	Reasoning	Circle the improper fraction that is equivalent to $2\frac{3}{8}$ $\frac{5}{8}$ $\frac{14}{8}$ $\frac{19}{8}$ $\frac{23}{8}$ $\frac{26}{8}$
4	$800 \times 4 =$	8	$\frac{7}{9} - \frac{1}{4} =$		

Week 8A: 10.03.25

1	$514.6 + 63.8 =$	5	$\frac{4}{7} \times \frac{3}{4} =$	9	$10\% \text{ of } 6840 =$
2	$412.6 - 78.7 =$	6	$\frac{11}{12} + \frac{2}{7} =$	10	$5\% \text{ of } 2460 =$
3	$11 \times 0.6 =$	7	$\frac{1}{8} \div 6 =$	Reasoning	This is Kirsty's recipe for breakfast cereal. 50 grams of oats 30 grams of raisins 40 grams of nuts  If she uses 125 grams of oats, how many grams of raisins does she need?
4	$500 \times 40 =$	8	$\frac{3}{11} - \frac{1}{8} =$		

Week 8B: 10.03.25

1	$657.7 + 43.9 =$	5	$\frac{3}{7} \times \frac{3}{4} =$	9	$10\% \text{ of } 7650 =$														
2	$845.6 - 45.8 =$	6	$\frac{7}{12} + \frac{2}{5} =$	10	$5\% \text{ of } 3450 =$														
3	$12 \times 0.7 =$	7	$\frac{1}{5} \div 6 =$	Reasoning	This pictogram shows how many DVDs a shop sells in one week. <table><tr><th>Day</th><th>DVDs Sold</th></tr><tr><td>Mon</td><td>24</td></tr><tr><td>Tue</td><td>20</td></tr><tr><td>Wed</td><td>16</td></tr><tr><td>Thu</td><td>8</td></tr><tr><td>Fri</td><td>28</td></tr><tr><td>Sat</td><td>24</td></tr></table> On Monday, 24 DVDs were sold. How many DVDs were sold on Friday?	Day	DVDs Sold	Mon	24	Tue	20	Wed	16	Thu	8	Fri	28	Sat	24
Day	DVDs Sold																		
Mon	24																		
Tue	20																		
Wed	16																		
Thu	8																		
Fri	28																		
Sat	24																		
4	$600 \times 30 =$	8	$\frac{2}{11} - \frac{1}{7} =$																

Week 9A: 17.03.25

1	$827.6 + 89.7 =$	5	$\frac{11}{12} \times \frac{3}{5} =$	9	$10\% \text{ of } 7210 =$
2	$532.6 - 94.8 =$	6	$\frac{4}{7} + \frac{3}{6} =$	10	$5\% \text{ of } 3360 =$
3	$8 \times 0.7 =$	7	$\frac{1}{9} \div 5 =$	Reasoning	Chen and Megan each buy a sandwich. Chen gets 5p change from £2 Megan gets £2.25 change from £5 How much more does Megan pay than Chen?
4	$70 \times 60 =$	8	$\frac{4}{5} - \frac{1}{9} =$		

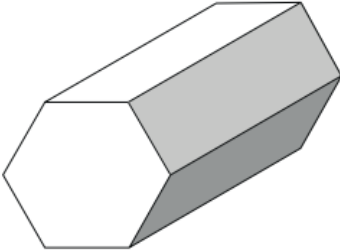
Week 9B: 17.03.25

1	$945.7 + 78.6 =$	5	$\frac{7}{12} \times \frac{2}{5} =$	9	$10\% \text{ of } 7890 =$
2	$456.7 - 93.9 =$	6	$\frac{3}{7} + \frac{5}{6} =$	10	$5\% \text{ of } 3670 =$
3	$6 \times 0.8 =$	7	$\frac{1}{7} \div 3 =$	Reasoning	A shop has an offer.  Buy one box for £1.90 Get the second box half price. Ali buys two boxes of cereal. How much must he pay altogether?
4	$40 \times 70 =$	8	$\frac{4}{5} - \frac{2}{7} =$		

Week 10A: 24.03.25

1	$913.9 + 67.5 =$	5	$2\frac{3}{7} + 3\frac{1}{7} =$	9	$15\% \text{ of } 640 =$
2	$495.4 - 77.8 =$	6	$5\frac{3}{7} - \frac{5}{7} =$	10	$35\% \text{ of } 1240 =$
3	$2234 \times 23 =$	7	$\frac{3}{7} \div 5 =$	Reasoning	200 children went on holiday. 10% of the children went to Wales. 25% of the children went to Scotland. How many more children went to Scotland than went to Wales?
4	$6885 \div 17 =$	8	$1\frac{1}{7} \times 12 =$		

Week 10B: 24.03.25

1	$567.8 + 19.6 =$	5	$2\frac{2}{7} + 2\frac{4}{7} =$	9	$15\% \text{ of } 840 =$
2	$678.3 - 89.7 =$	6	$6\frac{2}{7} - \frac{5}{7} =$	10	$35\% \text{ of } 1340 =$
3	$3476 \times 24 =$	7	$\frac{4}{7} \div 5 =$	Reasoning	Here is a drawing of a hexagonal prism.  How many faces does the prism have?
4	$5219 \div 17 =$	8	$1\frac{2}{7} \times 11 =$		

Week 11A: 24.03.25

1	$742.6 + 71.8 =$	5	$4\frac{5}{9} + 3\frac{2}{9} =$	9	$15\% \text{ of } 820 =$
2	$603.5 - 95.6 =$	6	$8\frac{2}{9} - \frac{7}{9} =$	10	$45\% \text{ of } 4260 =$
3	$5617 \times 32 =$	7	$\frac{3}{11} \div 6 =$	Reasoning	These are the prices of cheese in a shop.  Cheddar cheese 82p for 100 grams Edam cheese 66p for 100 grams Cottage cheese 45p for 100 grams Mina buys 200g of Cheddar cheese and 150g of Edam cheese. How much does she pay altogether?
4	$5172 \div 12 =$	8	$1\frac{1}{5} \times 15 =$		

Week 11B: 31.03.25

1	$502.1 + 99.9 =$	5	$1\frac{2}{11} + 3\frac{10}{11} =$	9	$15\% \text{ of } 780 =$
2	$811.6 - 83.8 =$	6	$3\frac{3}{8} - \frac{7}{8} =$	10	$55\% \text{ of } 8340 =$
3	$4287 \times 41 =$	7	$\frac{5}{12} \div 7 =$	Reasoning	Olivia buys a banana, an apple and a bag of nuts.  30p 45p 60p She pays with three 50p coins. What is her change?
4	$2700 \div 12 =$	8	$1\frac{1}{3} \times 30 =$		

Week 12A: 07.04.25

1	$652.8 + 78.8 =$	5	$2\frac{3}{5} + 4\frac{4}{5} =$	9	$15\% \text{ of } 780 =$
2	$923.8 - 77.9 =$	6	$4\frac{1}{6} - \frac{5}{6} =$	10	$35\% \text{ of } 4780 =$
3	$5142 \times 37 =$	7	$\frac{6}{7} \div 4 =$	Reasoning	An iced cake costs 10p more than a plain cake. Sarah bought two of each cake.  They cost £1 altogether. What is the cost of an iced cake?
4	$2856 \div 12 =$	8	$1\frac{1}{9} \times 19 =$		

Week 12B: 07.04.25

1	$678.7 + 89.5 =$	5	$2\frac{2}{5} + 3\frac{3}{5} =$	9	$15\% \text{ of } 850 =$												
2	$867.6 - 78.8 =$	6	$5\frac{1}{7} - \frac{5}{7} =$	10	$35\% \text{ of } 4560 =$												
3	$6785 \times 34 =$	7	$\frac{5}{7} \div 4 =$	Reasoning	Some children vote for their favourite ice-cream flavour. <table><tr><th>Ice-cream flavour</th><th>Number of children</th></tr><tr><td>vanilla</td><td>87</td></tr><tr><td>chocolate</td><td>154</td></tr><tr><td>strawberry</td><td>?</td></tr><tr><td>mint</td><td>38</td></tr><tr><td>Total</td><td>402</td></tr></table> How many children vote for strawberry?	Ice-cream flavour	Number of children	vanilla	87	chocolate	154	strawberry	?	mint	38	Total	402
Ice-cream flavour	Number of children																
vanilla	87																
chocolate	154																
strawberry	?																
mint	38																
Total	402																
4	$11844 \div 12 =$	8	$1\frac{1}{8} \times 17 =$														

Week 13A: 14.04.25

1	$93 \times 11 \times 0 =$	5	$3\frac{1}{5} + 2\frac{3}{4} =$	9	$15\% \text{ of } 780 =$
2	$90 - 48 \div 6 =$	6	$2\frac{1}{6} - \frac{2}{3} =$	10	$35\% \text{ of } 4780 =$
3	$6325 \times 72 =$	7	$\frac{1}{5} \div 6 =$	Reasoning	Write the correct sign $>$, $<$ or $=$ in each of the following.  $(10 + 5) - 9$ $(10 + 9) - 5$ $3 \times (4 + 5)$ $(3 \times 4) + 5$ $(10 \times 4) \div 2$ $10 \times (4 \div 2)$
4	$3374 \div 14 =$	8	$2\frac{1}{3} \times 16 =$		

Week 13B: 14.04.25

1	$34 \times 2 \times 0 =$	5	$2\frac{2}{5} + 2\frac{1}{4} =$	9	$15\% \text{ of } 670 =$
2	$80 - 54 \div 6 =$	6	$2\frac{5}{6} - \frac{6}{7} =$	10	$35\% \text{ of } 6800 =$
3	$5678 \times 63 =$	7	$\frac{1}{6} \div 5 =$	Reasoning	One Saturday afternoon, a total of 234,869 people attended three rugby matches. • 80,978 people attended match 1 • 72,319 people attended match 2 How many people attended match 3?
4	$4928 \div 14 =$	8	$2\frac{1}{4} \times 15 =$		

Week 14A: 21.04.25

1	$25 + 11 \times 6 =$	5	$2\frac{1}{3} + 5\frac{7}{9} =$	9	15% of 960 =
2	$60 - 72 \div 9 =$	6	$5\frac{1}{4} - \frac{7}{8} =$	10	35% of 5440 =
3	$4178 \times 38 =$	7	$\frac{1}{8} \div 11 =$	Reasoning	This is the cost to visit the waxworks. Adults £8.50 Children £4.50 On Friday morning 12 adults and 20 children visit the waxworks. How much do they pay altogether?
4	$6748 \div 14 =$	8	$3\frac{1}{4} \times 11 =$		

Week 14B: 21.04.25

1	$24 + 12 \times 6 =$	5	$2\frac{2}{3} + 3\frac{5}{9} =$	9	15% of 980 =
2	$20 - 60 \div 12 =$	6	$3\frac{3}{4} - \frac{7}{8} =$	10	35% of 6780 =
3	$4356 \times 26 =$	7	$\frac{1}{6} \div 3 =$	Reasoning	Complete the calculation. $1,000 \times 416 = 10 \times$
4	$9128 \div 14 =$	8	$2\frac{1}{3} \times 9 =$		

Week 15A: 28.04.25

1	$19 + 13 \times 4 =$	5	$4\frac{1}{8} + 3\frac{7}{12} =$	9	$15\% \text{ of } 1460 =$
2	$72 - 88 \div 8 =$	6	$2\frac{1}{3} - 1\frac{7}{12} =$	10	$45\% \text{ of } 1420 =$
3	$6328 \times 49 =$	7	$\frac{4}{5} \div 13 =$	Reasoning	A hall has 1,250 seats. At 7 pm, 880 seats are filled. At 8 pm, there are 40 empty seats. How many seats were filled between 7 pm and 8 pm?
4	$5808 \div 16 =$	8	$2\frac{3}{5} \times 21 =$		

Week 15B: 28.04.25

1	$21 + 14 \times 5 =$	5	$2\frac{3}{8} + 1\frac{5}{12} =$	9	15% of 1580 =
2	$30 - 72 \div 12 =$	6	$3\frac{2}{3} - 2\frac{11}{12} =$	10	45% of 2840 =
3	$5672 \times 37 =$	7	$\frac{4}{7} \div 13 =$	Reasoning	Adam buys 4 pens and a ruler and pays £4.75 altogether.  Jack buys 2 pens and pays £1.98 altogether.  How much does a ruler cost?
4	$8768 \div 16 =$	8	$2\frac{2}{5} \times 23 =$		

Week 16A: 05.05.25

1	$122 - 15 \times 5 =$	5	$3\frac{2}{3} + 4\frac{8}{9} =$	9	$15\% \text{ of } 1520 =$
2	$86 + 108 \div 9 =$	6	$4\frac{1}{3} - 2\frac{1}{5} =$	10	$45\% \text{ of } 2840 =$
3	$4178 \times 52 =$	7	$\frac{7}{9} \div 15 =$	Reasoning	A band holds a concert for charity. The tickets cost £27 each. They sell 635 tickets. They pay £3,180 to use the hall. They give one-third of the remaining amount to charity. How much money does the band give to charity?
4	$8856 \div 18 =$	8	$4\frac{2}{7} \times 13 =$		

Week 16B: 05.05.25

1	$147 - 16 \times 5 =$	5	$2\frac{1}{3} + 3\frac{7}{9} =$	9	15% of 1890 =
2	$70 - 144 \div 12 =$	6	$4\frac{2}{3} - 1\frac{4}{5} =$	10	45% of 3680 =
3	$3278 \times 32 =$	7	$\frac{5}{9} \div 12 =$	Reasoning	Ally chooses a whole number. When she multiplies her number by 4, the answer is less than 100 When she multiplies her number by 5, the answer is greater than 100 Write a number that Ally could have started with.
4	$9378 \div 18 =$	8	$3\frac{4}{7} \times 14 =$		