

Maths Strategies and Practice

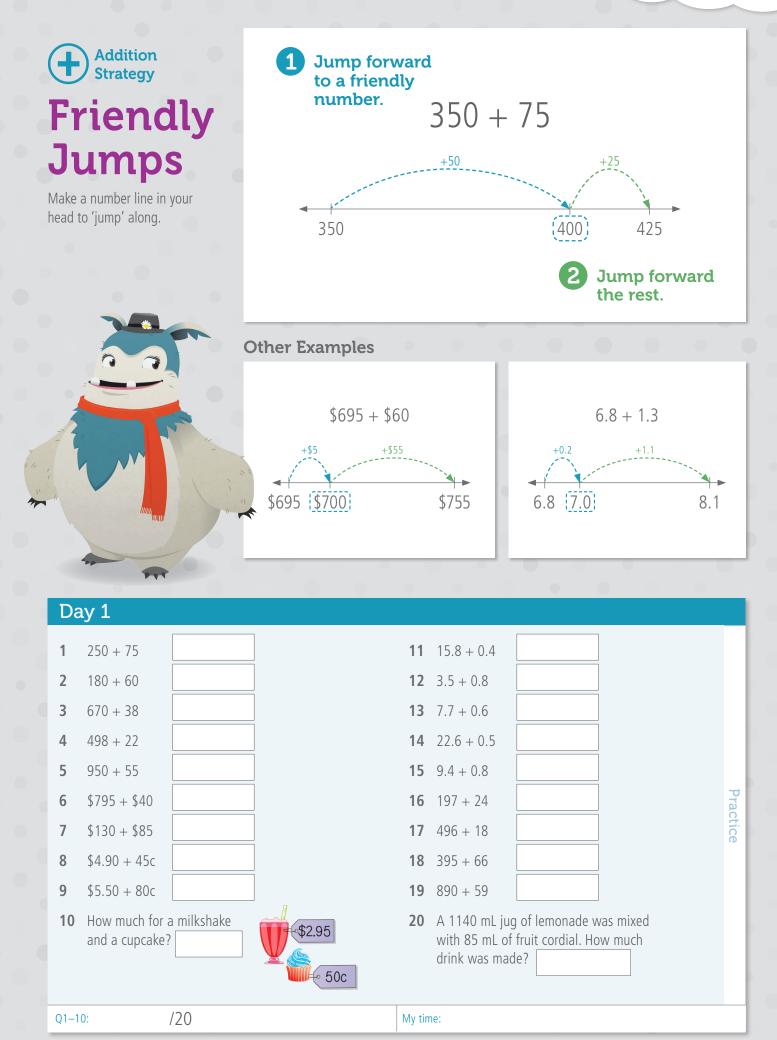
Chris Linthorne | Sandra Williams | Peter Williams

Firefly education



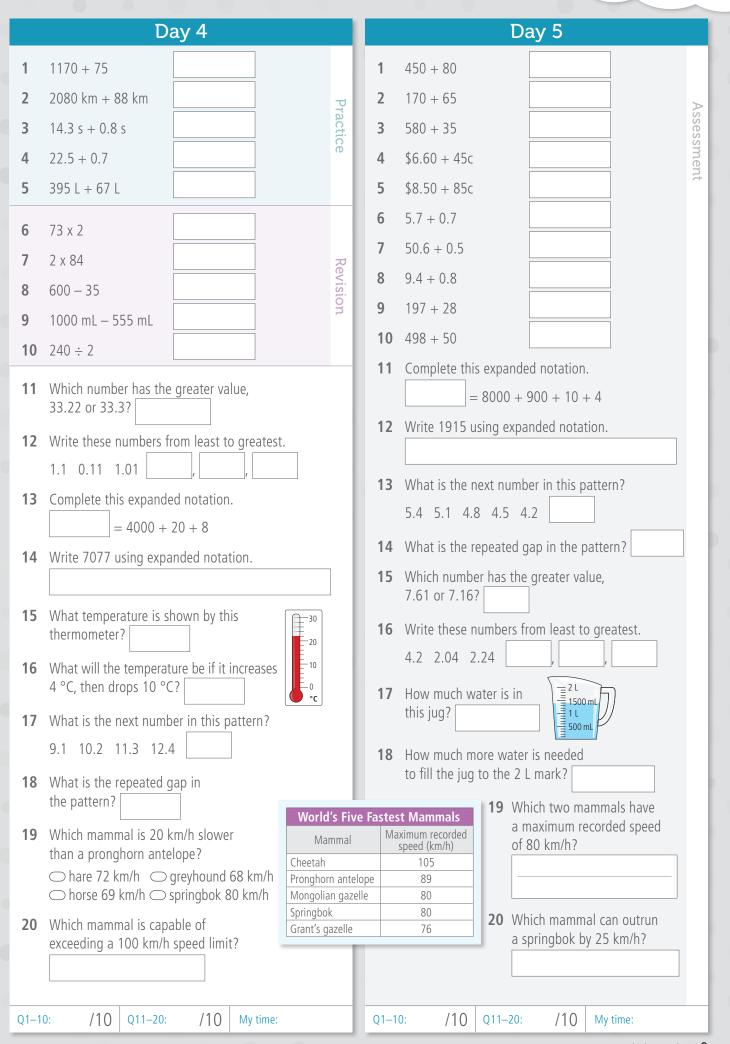
5 What if I can't find a friendly number? Co Co Don't worry, there's not 98 + 17 always a friendly number to find – sometimes you need 149 + 26 to make a friendly number. 73 – 9 15 First you need to look for a number that can be made friendly. 6 Find the number in each addition that is easy to 29 + 46 make friendly, then circle it. 51 + 26 155 + 102 497 + 125 7 Now, change these numbers to make them friendly and show how you did it. 29 497 102 51 1_ +1 change T friendly 30 • •

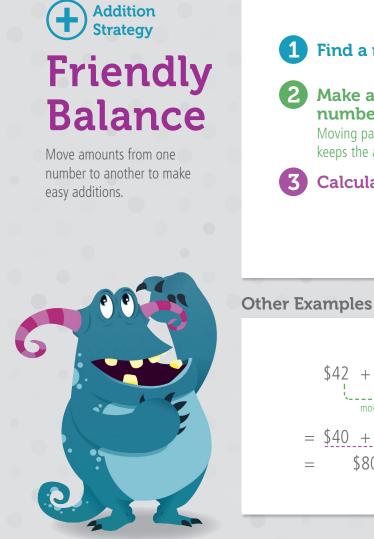




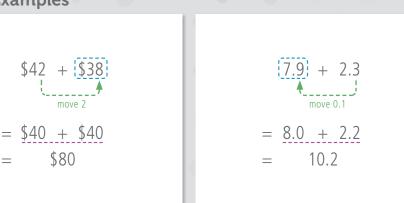
Unit 🖌	U	n	i	t	2
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	Day 2		Day 3
1 2 3 4 5	380 + 45	Practice	1 880 kg + 55 kg
6 7 8 9 10	44 x 2 52 x 2 900 - 50 400 - 20 18 ÷ 2	Revision	6 \$45 x 2
11	Complete this expanded notation. = 9000 + 100 + 40 + 6 Write 6275 using expanded notation.		 11 What is the mass shown on the scales? 12 What mass needs to be added for the scales to reach 1.5 kg? 13 What is the next number in this pattern?
13 14	Which number has the greater value, 4.14 or 4.4? Write these numbers from least to greatest. 7.77 7.07 0.77,,		6.6 6.4 6.2 6.0 ' 14 What is the repeated gap in the pattern? $\bigcirc -2 \bigcirc -0.2 \bigcirc -2.2$
15 16			 15 Which number has the greater value, 1.99 or 1.19? 16 Write these numbers from least to greatest. 5.2 2.05 5.02 , , , , , , , , , , , , , , , , , , ,
17			17 Complete this expanded notation. = 3000 + 300 + 80 + 5
18	$\bigcirc +5 \bigcirc +0.5 \bigcirc +1.5$		 18 Write 1221 using expanded notation. 19 Which two animals have
20	age of 150 years?	20	the closest lifespan?
Q1-1	10: /10 Q11–20: /10 My time:		Q1-10: /10 Q11-20: /10 My time:

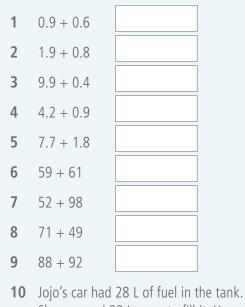




 Find a number to make friendly.
 Make a friendly umber. Moving part of a number keeps the addition balanced.
 Calculate.
 500 + 50 = 550



Day 1



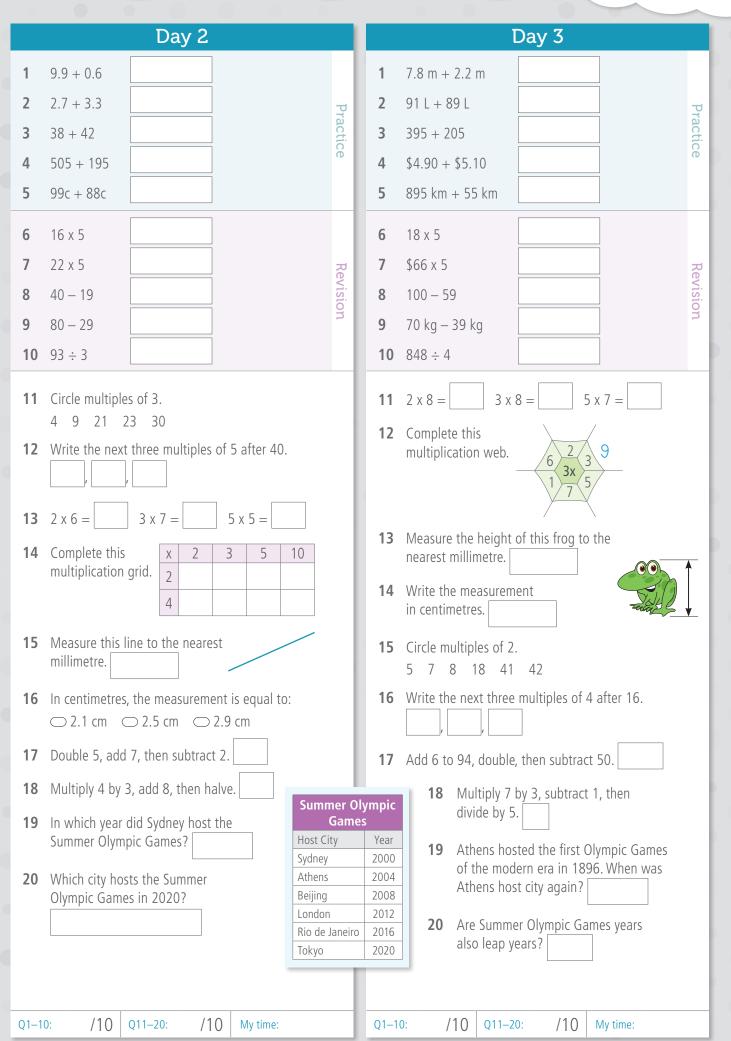
11	599 + 61		
12	199 + 71		
13	797 + 43		
14	290 + 510		
15	\$294 + \$106		
16	\$9.80 + \$5.20		Pra
17	\$1.95 + \$1.05		Practice
18	\$595 + \$55		
19	\$280 + \$820		
20	,	195 km before lunch. It is	o's

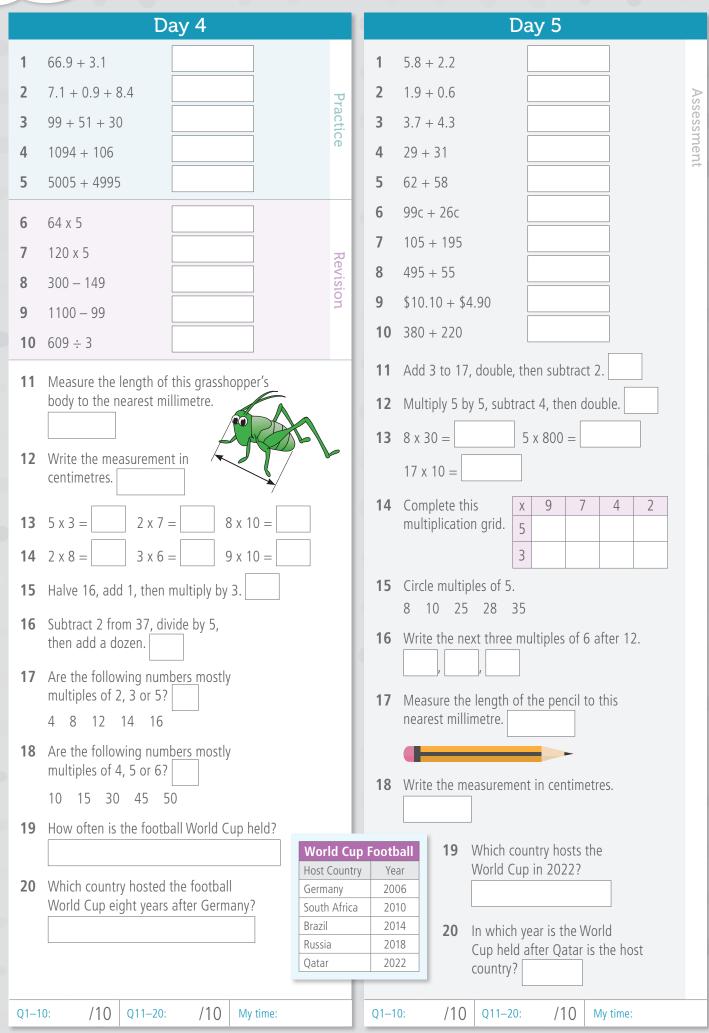
10 Jojo's car had 28 L of fuel in the tank. She pumped 32 L more to fill it. How much fuel does the tank hold?

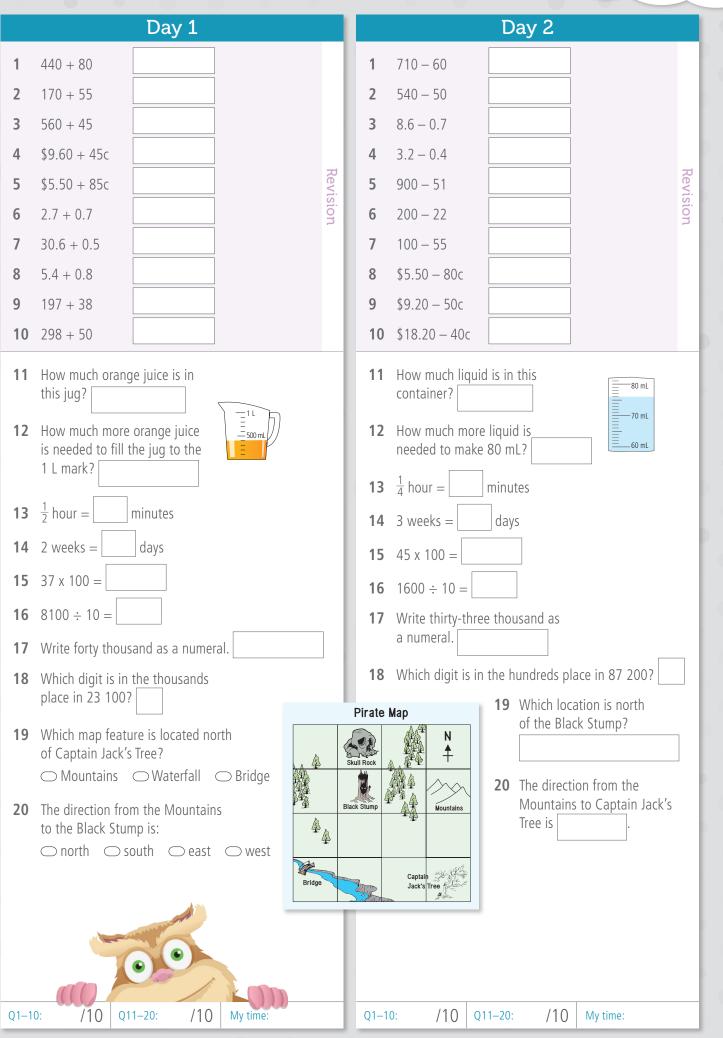
/20

20 Jojo drove her car 195 km before lunch. It is another 55 km to her destination. What will Jojo's total driving distance be?

Q1–10:



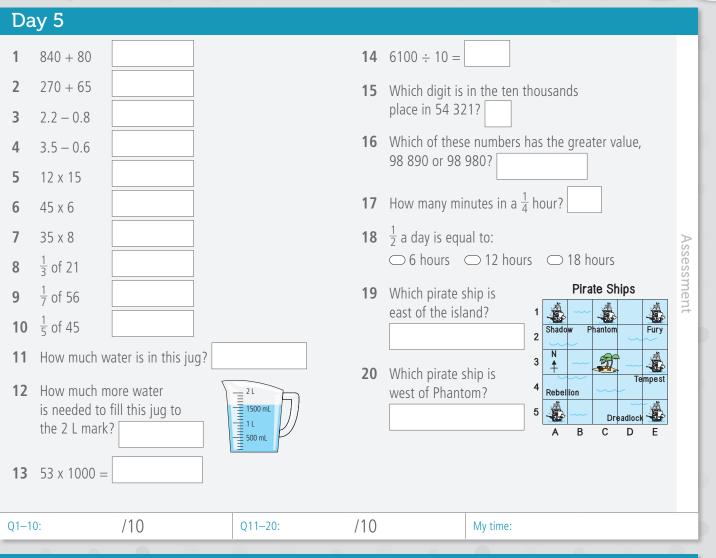




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Unit 🕻	20
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	Day 3	Day 4
1 2 3 4 5 6 7 8	8 x 15	1 $\frac{1}{3}$ of 18 2 $\frac{1}{7}$ of 49 3 $\frac{1}{2}$ of 48 4 $\frac{1}{5}$ of 30 5 $\frac{1}{4}$ of 28 6 $\frac{1}{9}$ of 81 7 $\frac{1}{6}$ of 36 8 $\frac{1}{2}$ of 82
9	15 x 18	9 $\frac{1}{7}$ of 35
	$35 \ge 12$ Which digit is in the ten thousands place in 20 710?Which of these numbers has the greater value, $50 550 \text{ or } 55 500?$ How much liquid is in this cup of medicine?How much is half the amount shown?Which one is equal to 5000? $50 \ge 10$ $50 \ge 10$ $50 \ge 10$ $9900 \div 10$ $9900 \div 10$ $9900 \div 100$ How many minutes in $\frac{3}{4}$ of an hour?	10 $\frac{1}{8}$ of 64 11 220 x 100 = 12 8000 \div 100 = 13 A movie screened for $1\frac{3}{4}$ hours. How many minutes did it last? 14 36 hours = 15 What temperature is shown by this thermometer? 16 The temperature increased a further 2 °C that day before dropping 12 °C to its minimum. What was the minimum temperature? 17 Write eighty-eight thousand as a numeral.
18	48 hours = days	18 Which of these numbers has the greater value,
19	Which pirate ship is north of the island? Which pirate ship is south of Tempest? Which pirate ship is south of Tempest? Rebellion	 12 110 or 12 102? e Ships i a for a preference B1? i b for a preference
Q1-1	0: /10 Q11–20: /10 My time:	Q1–10: /10 Q11–20: /10 My time:



Think Box

Calculator Story

Right-o, shipmates! Use your calculator to solve the clues below. For each answer, turn your calculator upside down and write the word in the story.

Clues

1	1538 x 3	13	615 293 x 9
2	1640 + 2111	14	493 + 166 + 74
3	2345 ÷ 7	15	6677÷11
4	8028 - 7514	16	213 803 x 25
5	10 x 27 679 x 2	17	53 400 - 355
6	3923 x 96	18	15 428 ÷ 2
7	4112 ÷ 8	19	4304 + 1000
8	5000 + 999 + 76	20	0.2 x 3.869
9	555 555 - 20 041	21	926 x 4
10	8 x 672 351	22	7777 – 672
11	28 554 + 28 554	23	105 280 ÷ 28
12	1000 - 382	24	5000 + 500 + 7

Captain Blackbeard, the most feared pirate on the 1
seas, yells, "Land ho! 'Tis the Treasure 2 3 !"
Captain Blackbeard and 4 crew set anchor and row to the
jungle island. Untold riches will 5 any pirate and
6 7 mind. Blackbeard curses himself for
choosing the jungle as the hiding place for the treasure.
The pirates 8 their way through a steamy swamp as a $<$
snake 9 overhead. The ooze 10 and
11, but the crew dares not grumble, even when a
12 13 14 slithers over a
15 and 16 into the murky waters beneath
their 17 .
Following Blackbeard's map the crew stops on a low, grassy
18 "Grab the shovels and 19 and dig, me
hearties!" 20 ws the Captain. Within minutes a huge
chest is hoisted out of the 21 and dumped beside the
mound of 22 . Captain Blackbeard breaks the lock and
throws open the lid. Captain and crew alike stand and
23 the sight, at a 24 for words. Before them
is a dazzling array of gold, jewels and pearls beyond imagination!