

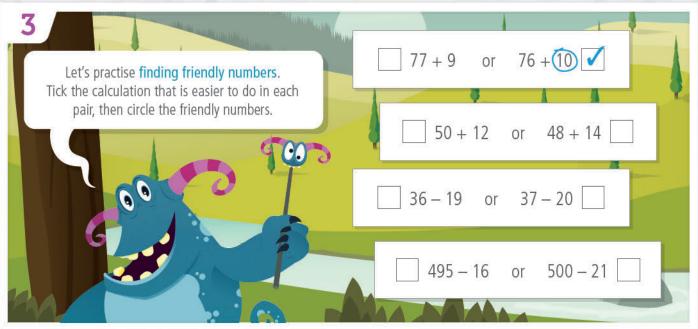
Student Workbook Sample Pages

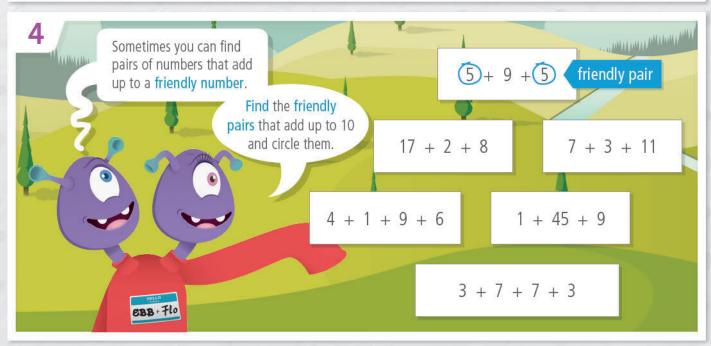
Chris Linthorne, Sandra Williams, Peter Williams







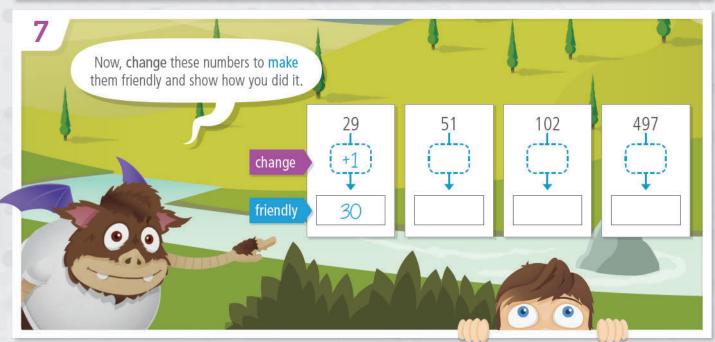


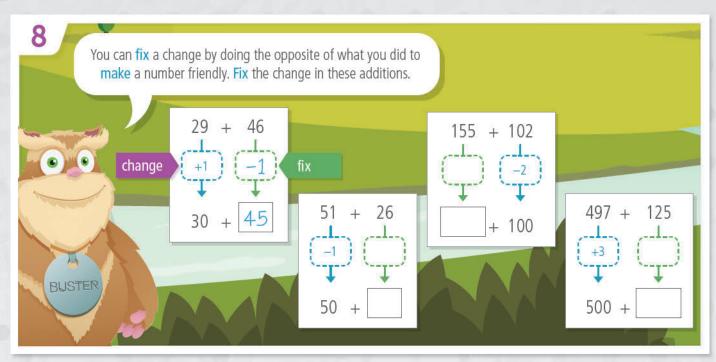


4 Think Mentals 5 Sample Pages ISBN 978 1 74135 340 2

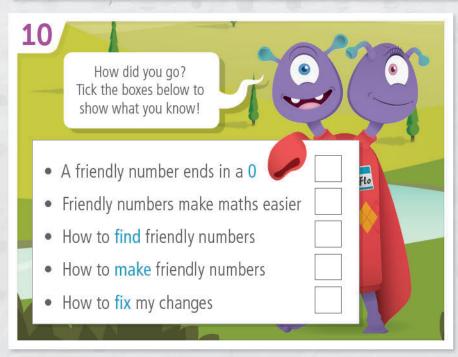


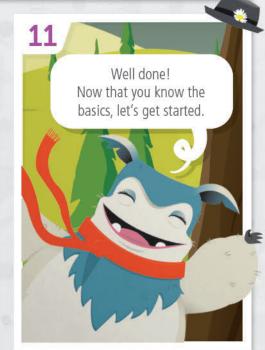












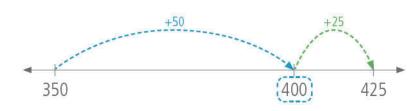


Friendly Jumps

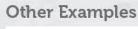
Make a number line in your head to 'jump' along.



350 + 75

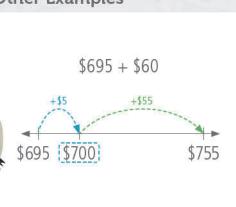


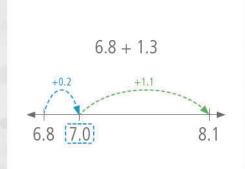
2 Jump forward the rest.



\$2.95

€ 50c





Day 1

4	250	, 7E
- 1	250	+ /)

2 180 + 60

3 670 + 38

THE RESIDENCE

4 498 + 22

5 950 + 55

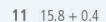
6 \$795 + \$40

7 \$130 + \$85

3 \$4.90 + 45c

9 \$5.50 + 80c

10 How much for a milkshake and a cupcake?



12 3.5 + 0.8

13 7.7 + 0.6

14 22.6 + 0.5

15 9.4 + 0.8

16 197 + 24

17 496 + 18

18 395 + 66

19 890 + 59

20 A 1140 mL jug of lemonade was mixed with 85 mL of fruit cordial. How much drink was made?

/20

My time:

01-20:

	Day 2	Day 3
1 2 3 4 5	380 + 45 \$550 + \$75 \$1.90 + 50c \$3.50 + 85c 690 + 84	1 880 kg + 55 kg 2 160 m + 80 m 3 7.5 + 0.8 4 5.6 s + 0.6 s 5 9.3 km + 0.8 km
6 7 8 9 10	44 x 2 52 x 2 900 - 50 400 - 20 18 ÷ 2	6 \$45 x 2 7 24 hours x 2 8 100 mL - 55 mL 9 200 - 75 10 \$80 ÷ 2
11 12 13	Complete this expanded notation. $= 9000 + 100 + 40 + 6$ Write 6275 using expanded notation. Which number has the greater value,	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?
14 15 16	Write these numbers from least to greatest. 7.77 7.07 0.77 , , , , , , , , , , , , , , , , , ,	14 What is the repeated gap in the pattern? -2 -0.2 -2.2 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	What is the next number in this pattern? 1.5 2.0 2.5 3.0	17 Complete this expanded notation. $= 3000 + 300 + 80 + 5$
18	C+5 C+0.5 C+1.5	write 1221 using expanded notation.
19	What is the maximum age of the Quahog (clam)? Which animal has a maximum age of 150 years?	Which two animals have the closest lifespan? Which animal has a maximum age of 110 years?
Q1-1	0: /10 Q11–20: /10 My time:	Q1–10: /10 Q11–20: /10 My time:

Day 4		Day 5	
1 1170 + 75		1 450 + 80	
2 2080 km + 88 km	T	2 170 + 65	
3 14.3 s + 0.8 s	Practice	3 580 + 35	
4 22.5 + 0.7	ICe	4 \$6.60 + 45c	
5 395 L + 67 L		5 \$8.50 + 85c	
		6 5.7 + 0.7	
5 73 x 2		7 50.6 + 0.5	
7 2 x 84	Revi	8 9.4 + 0.8	
8 600 – 35	Revision	9 197 + 28	
9 1000 mL – 555 mL		10 498 + 50	
10 240 ÷ 2		11 Complete this expanded notation.	
Which number has the greater value,		= 8000 + 900 + 10 + 4	
33.22 or 33.3?		12 Write 1915 using expanded notation.	
Write these numbers from least to greates	t.		
1.1 0.11 1.01,,,	_	13 What is the next number in this pattern?	
3 Complete this expanded notation.		5.4 5.1 4.8 4.5 4.2	
= 4000 + 20 + 8		14 What is the repeated gap in the pattern?	
4 Write 7077 using expanded notation.		15 Which number has the greater value,	
F December 1		7.61 or 7.16?	
5 What temperature is shown by this thermometer?	30	16 Write these numbers from least to greatest.	
6 What will the temperature be if it increases		4.2 2.04 2.24	
4 °C, then drops 10 °C?	0 °c	How much water is in this jug?	
7 What is the next number in this pattern?		this jug?	
9.1 10.2 11.3 12.4		18 How much more water is needed	
8 What is the repeated gap in		to fill the jug to the 2 L mark?	
the pattern?	World's Five F	Fastest Mammals 19 Which two mammals have	
9 Which mammal is 20 km/h slower	Mammal	Maximum recorded speed of 80 km/h?	
than a pronghorn antelope? hare 72 km/h greyhound 68 km/h	Cheetah Pronghorn antelope	105 ne 89	
○ horse 69 km/h ○ springbok 80 km/h	Mongolian gazelle	80	
Which mammal is capable of	Springbok Grant's gazelle	20 Which mammal can outrun a springbok by 25 km/h?	
exceeding a 100 km/h speed limit?		a springbox by 25 kin/ii!	
1–10: /10 Q11–20: /10 My time:		Q1–10: /10 Q11–20: /10 My time:	

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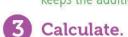
Friendly Balance

Move amounts from one number to another to make easy additions.



2 Make a friendly number.

Moving part of a number keeps the addition balanced.



$$= 500 + 50$$

$$= 550$$



Other Examples

$$$42 + $38$$

 $$move 2$
= $$40 + 40
= $$80$

$$|7.9| + 2.3$$
 $|6.0| + 2.2$
 $|6.0| + 2.2$
 $|6.0| + 2.2$

D	ay 1			
1	0.9 + 0.6		11	599 + 61
2	1.9 + 0.8		12	199 + 71
3	9.9 + 0.4		13	797 + 43
4	4.2 + 0.9		14	290 + 510
5	7.7 + 1.8		15	\$294 + \$106
6	59 + 61		16	\$9.80 + \$5.20
7	52 + 98		17	\$9.80 + \$5.20 \$1.95 + \$1.05
8	71 + 49		18	\$595 + \$55
9	88 + 92		19	\$280 + \$820
10		28 L of fuel in the tank. 2 L more to fill it. How much cank hold?	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-	-20:	/20	My tim	ne:

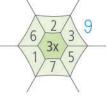
	0 0 0 0 0 V - 4	
	Day 2	
1	9.9 + 0.6	
2	2.7 + 3.3	
3	38 + 42 Practice	
4	505 + 195	
5	99c + 88c	
6	16 x 5	
7	22 x 5	
8	40 – 19 Revision	
9	80 – 29	
10	93 ÷ 3	ı
11	Circle multiples of 3. 4 9 21 23 30	
12	Write the next three multiples of 5 after 40.	
13	2 x 6 = 3 x 7 = 5 x 5 =	
14	Complete this x 2 3 5 10 multiplication grid. 2	
15	Measure this line to the nearest millimetre.	
16	In centimetres, the measurement is equal to: 2.1 cm 2.5 cm 2.9 cm	
17	Double 5, add 7, then subtract 2.	ľ
18	Multiply 4 by 3, add 8, then halve.	
19	In which year did Sydney host the Summer Olympic Games? Summer Host City	

Summer Olympic Games	
Host City	Year
Sydney	2000
Athens	2004
Beijing	2008
London	2012
Rio de Janeiro	2016
Tokyo	2020

		Day 3	
1	7.8 m + 2.2 m		
2	91 L + 89 L		P
3	395 + 205		Practice
4	\$4.90 + \$5.10		e
5	895 km + 55 km		
6	18 x 5		
7	\$66 x 5		Re
8	100 – 59		Revision
9	70 kg – 39 kg		ŭ
10	848 ÷ 4		

	8			
11	2 x 8 =	3 x 8 =	5 x 7 =	





13	Measure the height of this frog to th	e
	nearest millimetre.	
200	2000	

14 Write the measurement in centimetres.



15 Circle multiples of 2. 5 7 8 18 41 42

Write the next three multiples of 4 after 16.

631	03	
1	1	

17 Add 6 to 94, double, then subtract 50.

18	Multiply 7 by 3, subtract	1,	then
	divide by 5.		

19 Athens hosted the first Olympic Games of the modern era in 1896. When was Athens host city again?

20 Are Summer Olympic Games years also leap years?

Q1–10: /10 Q11–20: /10 My time: Q1–10: /10 Q11–20: /10 My time:

20 Which city hosted the 2020

Summer Olympic Games?

d		
		Day 4
	1	66.9 + 3.1
	2	7.1 + 0.9 + 8.4
	3	99 + 51 + 30
	4	1094 + 106
	5	5005 + 4995
	6	64 x 5
	7	120 x 5
	8	300 – 149
	9	1100 – 99
	10	609 ÷ 3
	11	Measure the length of this grasshopper's body to the nearest millimetre.
	12	Write the measurement in centimetres.
	13	5 x 3 = 2 x 7 = 8 x 10 =
	14	2 x 8 = 3 x 6 = 9 x 10 =
	15	Halve 16, add 1, then multiply by 3.
	16	Subtract 2 from 37, divide by 5, then add a dozen.
	17	Are the following numbers mostly multiples of 2, 3 or 5? 4 8 12 14 16
	18	Are the following numbers mostly multiples of 4, 5 or 6?
		10 15 30 45 50
	19	
	20	Which country hosted the football World Cup eight years after Germany? South Brazi

-						
		7.40 0 0				
ı		Day 5				
	1	5.8 + 2.2				
	2	1.9 + 0.6				
	3	3.7 + 4.3				
	4	29 + 31				
	5	62 + 58				
h	6	99c + 26c				
	7	105 + 195				
	8	495 + 55				
	9	\$10.10 + \$4.90				
П	10	380 + 220				
	11	Add 3 to 17, double, then subtract 2.				
	12	Multiply 5 by 5, subtract 4, then double.				
	13	8 x 30 = 5 x 800 =				
	13	17 x 10 =				
П	14	Complete this x 9 7 4 2				
		multiplication grid. 5				
		3				
	15	Circle multiples of 5. 8 10 25 28 35				
	16	Write the next three multiples of 6 after 12.				
П	17	Measure the length of this pencil to the nearest millimetre.				
4		nediest minimetre.				
	12121					
н	18	Write the measurement in centimetres.				
Cup I	Footb					
ntry	Yea	World Cup in 2022?				
	200	06				
ica	201	10				

World Cup Football		
Host Country	Year	
Germany	2006	
South Africa	2010	
Brazil	2014	
Russia	2018	
Qatar	2022	

20 In which year is the World
Cup held after Qatar is the host
country?

/10

My time:

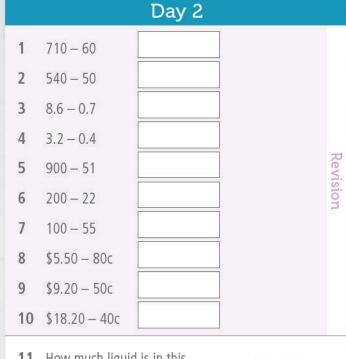
/10

Q11-20:

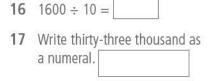
Day 1 440 + 802 170 + 553 560 + 45\$9.60 + 45c4 Revision 5 \$5.50 + 85c6 2.7 + 0.77 30.6 + 0.58 5.4 + 0.89 197 + 38298 + 5011 How much orange juice is in this jug? 12 How much more orange juice =500 mL is needed to fill the jug to the 1 L mark? $\frac{1}{2}$ hour = minutes **14** 2 weeks = days **15** 37 x 100 = **16** 8100 ÷ 10 = 17 Write forty thousand as a numeral. 18 Which digit is in the thousands place in 23 100? 19 Which map feature is located north of Captain Jack's Tree? ○ Mountains ○ Waterfall ○ Bridge 20 The direction from the Mountains to the Black Stump is:

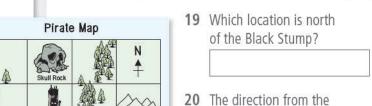
onorth osouth east west

01-10:

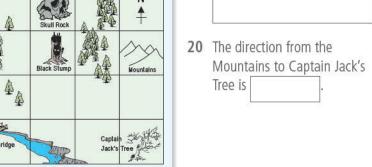


11	container?	80 mL
12	How much more liquid is needed to make 80 mL?	=70 mL
13	$\frac{1}{4}$ hour = minutes	
14	3 weeks = days	
15	45 x 100 =	





18 Which digit is in the hundreds place in 87 200?



My time:



	Day 3			Day 4					
1	8 x 15		1	1/3 of 18					
2	18 x 5		2	1 of 49					
3	16 x 3		3	1 of 48					
4	16 x 15		4	1/5 of 30					
5	6 x 15	Revision	5	1/4 of 28 Revi					
6	45 x 8	nois	6	1/4 of 28 Pevision Revision					
7	35 x 6		7	1/6 of 36					
8	35 x 4		8	1/2 of 82					
9	15 x 18		9	1/7 of 35					
10	35 x 12		10	1/8 of 64					
11	Which digit is in the ten thousands		11	220 x 100 =					
	place in 20 710?		12	8000 ÷ 100 =					
12	Which of these numbers has the greater value, 50 550 or 55 500?		13	A movie screened for $1\frac{3}{4}$ hours.					
	Procedure Control of the Control of			How many minutes did it last?					
13	How much liquid is in this cup of medicine?		14	36 hours = days					
14	How much is half the amount		15	What temperature is shown by					
14	shown?			this thermometer?					
15	Which one is equal to 5000?		16	The temperature increased a further					
	○ 50 x 10 ○ 50 x 100 ○ 50 x 1000			2 °C that day before dropping 12 °C to its minimum. What was the					
16	Which one is equal to 99?			minimum temperature?					
	○ 9900 ÷ 10 ○ 9900 ÷ 100 ○ 9900 ÷	1000	17	Write eighty-eight thousand					
17	How many minutes in $\frac{3}{4}$ of an hour?			as a numeral.					
18	48 hours = days		18	Which of these numbers has the greater value, 12 110 or 12 102?					
19	Which pirate ship is north of the island?								
		Pirate	. 1	19 How many pirate ships are east of map reference B1?					
20		hadow Phanto		Fury 20 Which pirate ship would sail east					
	3	N †	7	then north to the island?					
		Rebellion	~	mpest					
5 Dreadlock Dreadlock									
1	40		- International Control	40					
Q1-1	0: /10 Q11–20: /10 My time:		Q1-1	0: /10 Q11–20: /10 My time:					

Assessment

and the second second	_
Dave	- 12
IJav	
	_

- 1 840 + 80
- 2 270 + 65
- 3 2.2 0.8
- 4 3.5 0.6
- **5** 12 x 15
- 6 45 x 6
- **7** 35 x 8
- 8 $\frac{1}{2}$ of 21
- 9 $\frac{1}{7}$ of 56
- 10 $\frac{1}{5}$ of 45
- 11 How much water is in this jug?
- 12 How much more water is needed to fill this jug to the 2 L mark?
- **13** 53 x 1000 =

- **14** 6100 ÷ 10 =
- Which digit is in the ten thousands place in 54 321?
- Which of these numbers has the greater value, 98 890 or 98 980?
- 17 How many minutes in a $\frac{1}{4}$ hour?
- 18 $\frac{1}{2}$ a day is equal to:
 - 6 hours 12 hours 18 hours
- Which pirate ship is east of the island?
- Which pirate ship is west of Phantom?



01-10:

/10

Q11-20:

1500 mL 1 L 500 mL

/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 ----
- **11** 28 554 + 28 554
- **22** 7777 672 **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!

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