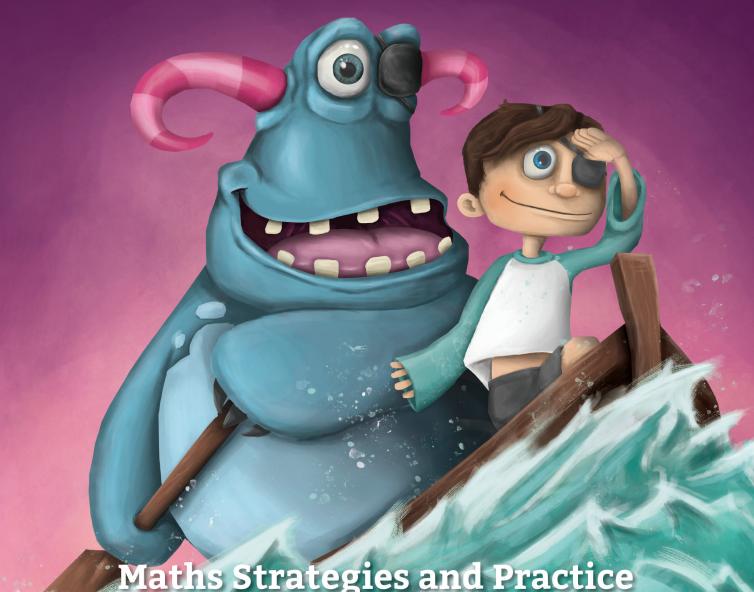
Think ENTALS

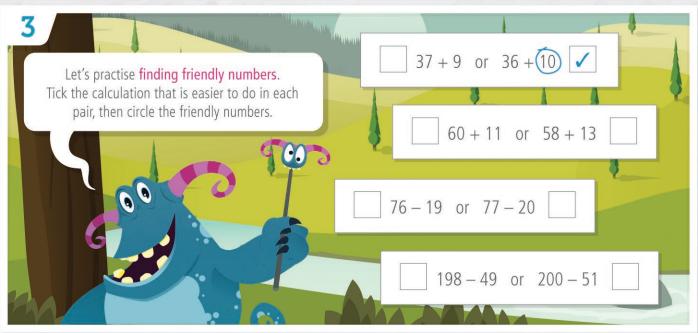
Student Workbook

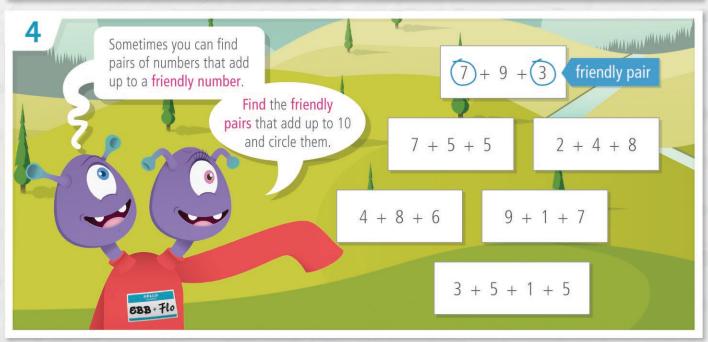


Maths Strategies and Practice



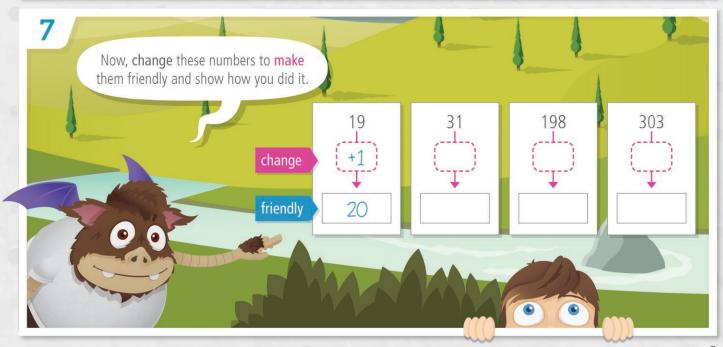




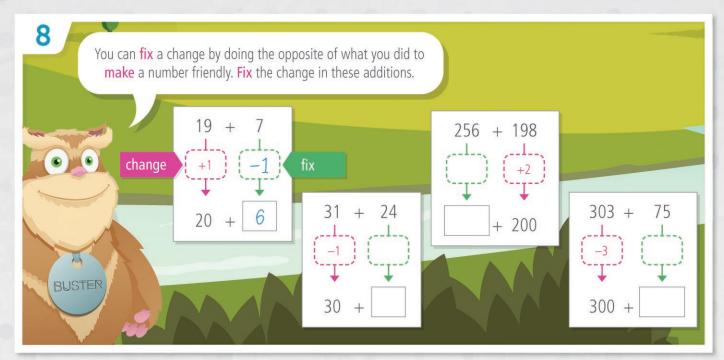




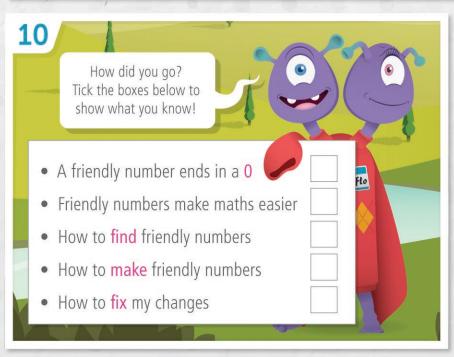




Unit 1







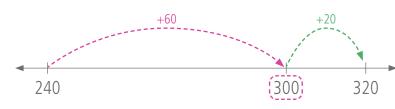


Friendly Jumps

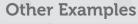
Make a number line in your head to 'jump' along.



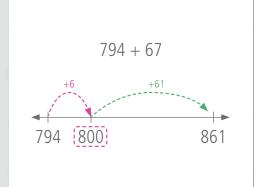
240 + 80



2 Jump forward the rest.







Day 1

- **1** 170 + 60
- **2** 380 + 40
- **3** 560 + 70
- **4** 290 + 50
- **5** 830 + 90
- **6** 460 + 90
- **7** \$240 + \$65
- **8** \$170 + \$32
- 9 \$360 + \$47
- 10 Bree has \$150 in her bank account. If she banks another \$56, how much money will she have in her account?

- **11** \$540 + \$63
- **12** \$860 + \$44
- **13** \$320 + \$86
- **14** 695 + 26
- **15** 398 + 37
- **16** 197 + 64
- **17** 296 + 58
- **18** 494 + 87
- **19** 893 + 49
- 20 On the family holiday to Sydney, Jason has travelled 798 km so far. It is another 57 km to Sydney. How far is Sydney from Jason's home?

My time:

Q1-20:

/20

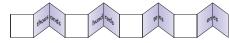
ISBN 978 1 74135 339 6 Think Mentals 4 **7**

	Day 2		Day 3
2 4503 \$184 \$29	0 + 70 0 + 80 80 + \$25 90 + \$16 4 + 28	Practice	1 840 + 90 2 290 + 60 3 \$450 + \$53 4 \$570 + \$35 5 198 + 37
9 82 10 Dar		Revision	6 4 x 2 7 13 x 2 8 23 - 6 9 55 - 7 10 Tahlia used 90c to buy an 80c ice-block. How much change should she get?
12 Wri	en numbers always end in,, or ite one thousand, three hundred and enty-six as a numeral.		11 Circle the even numbers in this row.31 32 33 34 3512 Write 1537 in words.
	lour $\frac{3}{4}$ of this shape.		13 $4 + 4 = \boxed{ 7 + 7 = \boxed{ 8 + 8 = } }$ 14 Colour $\frac{2}{3}$ of this shape.
is th	mplete this number pattern.		15 How much money is this?16 Complete this number pattern.
17 Wh	nat is the time shown this clock? o'clock $\begin{pmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $		48, 46,, 40 17 What is the time shown on this clock?
	me this 3D object.		18 What month is it now?19 Name this 3D object.
	nat are the possible outcomes en tossing a coin? /10 11–20:		20 List the possible outcomes when rolling a dice. Q1–10: /10 11–20: /10 My time:

Assessment

Day 4

- 370 + 50
- 2 \$380 + \$24
- 3 597 + 65
- 4 896 + 49
- 5 795 + 56
- 6 $6 \div 2$
- 7 $14 \div 2$
- 58 15
- 97 46
- **10** One half of our class of 24 students walks to school. How many students is that?
- **11** Write all the even numbers between 10 and 20.
- **12** Show 1537 on this number expander.



- **13** 4 + 5 = 6 + 3 =
 - 7 + 2 =
- **14** Colour $\frac{2}{5}$ of this shape.



- **15** How much money is this?
- **16** Complete this number pattern.
- - 108, 110,



116

- **17** Draw hands on this clock to show 10 o'clock.
- **18** Circle the first month of the year. January June July
- **19** Name this 3D object.



20 List the possible outcomes for this spinner.



- Q1-10:
- /10
- 11-20:
- /10
- My time:

Day 5

- 340 + 80
- 2 \$220 + \$86
- 3 17 + 6

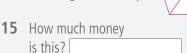
Practice

Revision

- 358 + 8
- 5 690 + 74
- 497 + 26
- 7 395 + 87
- 8 39 + 698
- 9 590 + 63
- **10** Emma's airline ticket is \$170 plus \$34 for travel insurance. What is the total cost?
- **11** Circle the even numbers in this row.
 - 62 41 85 16 58
- **12** Write the numeral shown on this number expander.



- **13** 6 + 7 =
 - 9 + 4 =
- 5 + 8 =
- **14** Colour $\frac{3}{5}$ of this shape.





16 Complete this number pattern.

222,

216,

17 Draw hands on this clock to show 2 o'clock.



- **18** Circle the last month of the year. September December November
- **19** Which 3D object am I? I have only one surface, no straight edges and no corners.
- **20** List the possible outcomes.



/10 11-20: /10 Q1-10: My time:



Friendly Balance

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





Moving part of a number keeps the addition balanced.



3 Calculate.

$$= 100 + 83$$

 $= 183$



Other Examples

$$|590| + 74$$
 $|600| + 64$
 $|600| + 64$

Day 1

Q1-20:

/20

My time:

Think Mentals 4 11

	Day 2		Day 3
1 2 3 4 5	98 + 33 99 + 87 144 + 17 414 + 28 480 + 34	Practice	1 97 + 46 2 95 + 28 3 233 + 39 4 250 + 68 5 \$1.95 + 80c
6 7 8 9 10	3 x 3 6 x 3 45 – 10 299 – 10 Emily got \$85 for her birthday. If she spends \$10, how much money will she have left?	Revision	 6 4 x 3 7 9 x 3 8 84 - 8 9 \$88 - \$24 10 Jen bought 3 puzzle books for \$5 each. How much did she spend?
11	Write the numeral for this set of blocks.		12 Write 3 addition facts that total 10.
			13 What is the smallest 4-digit number that can
13	What is the largest 4-digit number that can be made with these cards? 4816	7	be made with these cards? 4816
14	Where is $\frac{3}{4}$ on this number line?		14 Where is $\frac{2}{3}$ on this number line?
15	Show 75 cents using 3 more coins. 50c +		15 Show 85 cents using 4 coins.
16	1 metre = centimetres		16 The height of the classroom door is closest to: ○ 1 metre ○ 2 metres ○ 4 metres
17	The time on this clock is half past $\begin{bmatrix} 9 \\ 87 \\ 54 \end{bmatrix}$		17 The time on this clock is 10111212
18	Which number has the best chance of the spinner landing on it?		8. 87 54
19	Name this 3D object.		18 Which number has the best chance of the spinner landing on it?
20	What is the fourth month of the year?	0	Name this 3D object. prism
			20 How many days are there in September?
Q1-1	0: /10 11–20: /10 My time:	\dashv	Q1–10: /10 11–20: /10 My time:

ISBN 978 1 74135 339 6

Day 4 Day 5 35 + 9698 + 87355 + 282 2 95 + 673 3 670 + 5679 + 17\$2.95 + \$1.10 228 + 235 5 \$5.95 + \$1.60 \$4.95 + \$1.30 196 + 586 $15 \div 3$ 7 \$397 + \$36 7 $18 \div 3$ 696 kg + 28 kgRevision 858 - 10243 + 18439 - 10**10** Shae bought a roll for \$2.95 and a drink for **10** Three friends shared \$30.00 equally. How much \$1.50. How much did she spend? did each one get? 11 **11** Draw blocks to show 1428. **12** Write three addition facts that each total 12. **12** 3 + 3 = 6 + 6 =9 + 9 =13 What is an odd number greater than 8000 that can **13** What are all the 4-digit numbers less than be made with these cards? 2000 that can be made with these cards? **14** Where is $\frac{3}{5}$ on this number line? 4816 **14** Write the fraction marked on this number line. **15** Make \$1 using each of these coins at least once. $\left(\frac{4}{4}\right)$ $(1\frac{4}{4})$ **16** The length of a car is closest to: **15** Show 95 cents using 4 coins. ○ 1 metre ○ 2 metres ○ 4 metres **17** The time on this clock is **16** The distance from a child's shoulder past to their feet is closest to: ○ 1 metre ○ 2 metres ○ 4 metres 18 Which number has the best chance of the spinner landing on it? **17** Draw hands on this clock to show half past 11. **19** Which 3D object am I? I have 5 faces, 9 edges and 6 corners. **18** Which number has the best chance of the spinner landing on it? **20** How many days are in a non-leap year? **19** Name this 3D object. **20** November is the th month of the year. /10 11-20: /10 My time: /10 11-20: /10 Q1-10: Q1-10: My time:

Assessmen:

Day 1

- **1** 230 + 70
- **2** 450 + 80
- **3** 620 + 90
- 4 380 + 80
- **5** \$870 + \$39
- **6** \$260 + \$45
- **7** \$580 + \$22
- **8** 195 + 47
- **9** 798 + 65
- 10 What is the total cost to fly to New Zealand for \$290 and return for \$470?
- **11** Write the next five even numbers after 70.
- **12** 3000 + 100 + 60 + 9 =
- **13** 2 x 7 = 4 x 2 = 2 x 9 =
- **14** Find friendly pairs to calculate the answer.

15 How much money is this?



16 Complete this number pattern and the rule.



17 Which is closest to the height of an adult emu?

2 cm 20 cm 2 m





19 Order from shortest to longest.







20 Which number has the best chance of the arrow landing on it?



Day 2

1 100 – 36

2 150 – 75

3 850 – 75

4 480 – 42

5 960 – 34

6 100 – 49

- **7** 650 95
- **8** 760 85
- **9** 600 180
- 10 How much should I cut off a 900 mm piece of timber to make it 787 mm?
- **11** Write the next five odd numbers after 35.



- **13** 8 x 2 = 2 x 3 = 5 x 2 =
- **14** Find friendly pairs to calculate the answer.

15 How much money is this?



16 Complete this number pattern and write the rule.

1, 2, 4, 8, 16,



Which is closest to a crocodile's length?

3 m 30 cm 30 m18 In 10 minutes the time will be



19 Order from shortest to longest.

30 days

_	.1
2	montr



20 Which letter has the best chance of the arrow landing on it?



Q1-10:

/10

11–20:

/10

My time:

Q1-10:

/10

11–20:

/10

My time:

	Day 3			Day 4
1	22 x 2		1	16 ÷ 2
2	54 x 2		2	\$20 ÷ 2
3	23 x 2		3	42 ÷ 2
4	72 x 2		4	84 ÷ 2
5	63 x 2	R	5	400 ÷ 2
6	82 x 2	Revision	6	1000 m ÷ 2
7	55 x 2	no	7	220 ÷ 2
8	48 x 2		8	640 ÷ 2
9	87 x 2		9	310 ÷ 2
10	What is the cost of 2 family passes to the museum at \$38 each?		1	One lap of the course is 900 metres. How far is half a lap?
11	Write the next five even numbers after 95.		1	1 Write the next five odd numbers after 1395.
12	5000 + 20 + 6 =		1	2 10 000 + 8000 + 2 =
13				3 2 x 50 = 2 x 80 = 2 x 90 =
	9 + 2 + 6 + 8 + 1 + 4 =			4 18 + 4 + 13 + 6 + 7 =
	How much money			5 How much money does Alana have if she
	is this?			has 2 of each Australian coin?
16	Complete this number pattern and the rule.		1	6 Complete this number pattern and write the rule.
47	3, 13, 12, 22, 21,, (+,))		240, 120, 116, 58, 54,, [, [,
17	Which is closest to the width of the classroom door? 1 m 10 cm 100 m	,	1	Which is closest to the height of an Airbus A380 plane?2.4 m24 m240 m
18	In 10 minutes the time will be		18	8 In 10 minutes the time will be
19	Order from shortest to longest.			. 8 7 6 5 4
	1 month 1 fortnight 3 weeks		1	
20	Which number has the best chance of the arrow landing on it?		2	
Q1-1	0: /10 11–20: /10 My time:		01	-10: /10 11-20: /10 My time:
Q1-1	o. / [U 11-20. / [U WIY tillie.		ŲΙ	10. / 10 11-20. / 10 Wy time.

Revision

Day 5

- **1** 570 + 60
- **2** 397 + 84
- **3** \$100 \$27
- **4** 790 54
- _
- **5** 32 x 2
- **6** 81 x 2
- **7** 28 ÷ 2
- **8** 300 mL ÷ 2
- **9** 860 ÷ 2
- 10 How much is saved by paying \$290 for a flight instead of \$470?

12 10 000 + 700 + 60 + 5 =

11 Write the next five even numbers after 590.

- **13** 70 x 2 = 40 x 2 =
- How much money is this?



- 16 Complete this number pattern and the rule.
 - 44, 22, 20, 10, 8,
- 17 Which is closest to the wingspan of an Airbus A380 plane?

 80 cm 8 m 80 m
- 18 In 10 minutes the time will be



- 90 days 9 months
 Which number has the best chance
- Which number has the best chance of the arrow landing on it?



 $\frac{1}{2}$ year

/10

Q11-20:

/10

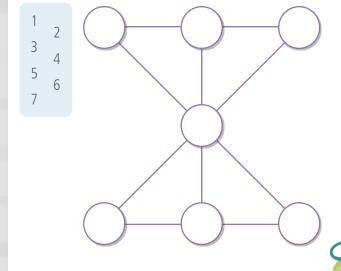
My time:

Think Box

Number Up

Copy the digits from the blue boxes into the circles. The total of each line of three needs to add to 12 or 18. Use each number once.

Each line must total 12



Each line must total 18

