

Maths Strategies and Practice

Student Workbook Sample Pages



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5 What if I can't find a friendly number? Don't worry, there's not 95 + 17 always a friendly number to find – sometimes you need 128 + 19to make a friendly number. 46 - 915 First you need to look for a number that can be made friendly. 6 Find the number in each addition that is easy to 49 + 35 make friendly, then circle it. 477 + 302 61 + 85 5 397 + 144 7 Now, change these numbers to make them friendly and show how you did it. 397 302 49 61 +1

change

friendly

50

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Unit <mark>2</mark>

4 9.25 + 0.06 5 \$3.30 + 80c 6 60 x 300 7 400 x 4 8 200 - 55 9 350 - 60 9 350 - 60 9 350 - 60 9 500 - 55 10 $\frac{1}{3}$ of 32 11 Write kilometres in abbreviated form. 12 Write three million as a numeral. 13 What is the next number in this pattern? 3.4 4.1 4.8 5.5 10 13 What is the next number in this pattern? 3.4 4.1 4.8 5.5 13 What is the next number in this pattern? 0.4 0.400 200 \circle 0.000 14 Which of these numbers has the greater value? 0.400 200 \circle 0.000 15 Write the measurement that is abbreviated as gin in the pattern? 0.400 200 \circle 0.000 16 Write the measurement that is abbreviated as gin word form. 17 Write the measurement that is abbreviated as gin in word form. 18 Which of the labelled cities in Japan is located the furthest north? 18 Which of the labelled cities in Japan 18 Which dity is at map reference D47 4 4 0 19 Which dity is at map reference D47 4 0 0 10 11 12 13 14 14 14 15 16 17 17 18 Which of the labelled cities in Japan 18 Which dity is at map reference D47 19 19 Which dity is at map reference D47 14 14 15 16 17 17 18 18 18 18 19 19 10 10 10 10 11 11 12 13 14 14 14 15 16 17 17 18 18 18 19 10 10 10 10 11 11 12	Day 2	Day 3
7 400 x 4 8 200 - 55 9 350 - 60 9 350 - 60 9 500 - 55 10 $\frac{1}{3}$ of 21 11 Write kilometres in abbreviated form. 12 Write three million as a numeral. 13 What is the next number in this pattern? 3.4 4.1 4.4 4.8 5.5 14 What is the repeated gap in the pattern? 0.4 0.4 0.200 900 200 15 Which digit is in the thousands place in 34 217 9007 17 Write the measurement that is abbreviated as kg in word form. 17 Write the measurement that is abbreviated as kg in word form. 18 Which of the labelled cities in Japan is located the furthest north? 19 Which city is at map reference D47 7 70 7 70 7 70 7 70 70 70 70 70 70 70 70 70 70 70 71 71 72 74 74 74 75 76 77 77 77 70 710 7	2 \$4.70 + 60c 3 3.5 + 0.7 4 9.25 + 0.06	2 \$7.70 + 50c Practice 3 510 + 95
 Write three million as a numeral. Write three million as a numeral. What is the next number in this pattern? A 4.1 4.8 5.5 What is the repeated gap in the pattern? +7 0+0.7 0+0.07 Which of these numbers has the greater value? A 000 200 0 900 200 Which digit is in the thousands place in 34 217 900? Write the measurement that is abbreviated as kg in word form. Write the measurement that is abbreviated as kg in word form. Which of the labelled cities in Japan is located the furthest north? Which of the labelled cities in Japan is located the furthest north? Which city is at map reference D4? 	7 400 x 4 8 200 - 55 9 350 - 60	7 70 x 70 Revision 8 \$240 - \$80
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 16 Which digit is in the thousands place in 34 217 900? 17 Write the measurement that is abbreviated as kg in word form. 18 Which of the labelled cities in Japan is located the furthest north? 19 Which city is at map reference D4? 16 Write centimetres in abbreviated form. 17 Which digit is in the millions place in 75 600 318? 18 Which of these numbers has the greater value? 55 500 500 500 19 Which city is at map reference D4? 	\bigcirc +7 \bigcirc +0.7 \bigcirc +0.07 15 Which of these numbers has the greater value?	
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 18 Which of the labelled cities in Japan is located the furthest north? 19 Which city is at map reference D4? 19 Which city is at map reference D4? 10 Which city is at map reference D4? 10 Which city is at map reference D4? 11 Which city is at map reference D4? 12 Sendar 13 Which of these numbers has the greater value? 14 Sendar 15 Sendar 18 Which of these numbers has the greater value? 18 Which of these numbers has the greater value? 19 How many zeros are used to write ten million as a numeral? 		17 Which digit is in the millions place
19 Which city is at map reference D4?	is located the furthest north?	18 Which of these numbers has the greater value?
4 Hiroshima Kyoto Nagoya	19 Which city is at map reference D4?	
20 What is the compass direction from Kyoto to Hiroshima?	20 What is the compass direction from Kyoto to Hiroshima?	20 Write the map reference for Sendai.





Unit <mark>3</mark>

Day 2	Day 3
1 98c + 52c	1 0.98 + 0.66
6 99×3	6 999×2
 11 Calculate the perimeter of this blue rectangle	 11 Round 8845 to the nearest 100. 12 Round 8845 to the nearest 1000. 13 Calculate the perimeter of a picture frame measuring 30 cm by 40 cm. 14 Work out the area of the glass for a picture frame with the same dimensions. 15 Name the compass point midway between south-east and south-west. 16 Which direction is opposite north-west? 17 List the six factors of 50.
 18 List the four factors of 8. 19 When does the Sydney Ferry stop at Taronga Zoo on Monday? 	 18 On which days does the Sydney Ferry stop at Taronga Zoo and Darling Harbour? 19 Can you catch a ferry from Circular Quay to Darling Harbour on
20 How long does the ferry journey between Manly and Taronga Zoo take? Wednesday 3:00 pm 3:30 pm 4:00 Thursday 3:00 pm 3:30 pm 4:00	nga oDarling QuayCircular Quaypm5:10 pm5:20 pmpm5:10 pm5:20 pmpm5:10 pm5:20 pm4:55 pm4:55 pm4:55 pm4:55 pm









Day 5



Think Box

Calculator Flipword

Use the maths clues to help you complete this crossword. Solve each clue with your calculator, then flip the calculator to read the word.



Across

- 1 267 754 + 267 754 = people in charge
- 4 10 000 4486 = snake sound
- 7 926 x 4 = an opening
- **9** 5700 37 = 1aid by hens
- **12** 27 689 x 2 = God you
- 14 0.07 + 0.0061 = Inuit ice home
- **16** 4249 ÷ 7 = tree trunk
- 17 154 x 20 = musical instrument
- **19** 69 411 11 695 = used by fish to breathe
- **20** 70 014 ÷ 2 = not tight
- 22 50 x 70 = hangman's rope
- **24** 810 + 7008 + 530 000 = Christian books
- **26** 3487 \div 11 = tell untruths
- 28 5 461 375 808 = toboggans
 - oggans 27 2 + 10 + 2 = hello

Down

2 232 035 ÷ 3 = oyster case

underground fantasy creature

6 19 + 78 + 65 + 173 = look

10 0.051 + 0.009 = sticky stuff

11 188 303 x 2 = eye protector

15 600 x 50 + 5006 = lays the

13 6427 x 5 = take by force

18 14.568 ÷ 24 = symbol

19 50 000 - 11 924 = sphere

21 14 277 x 4 = heats to 100°C

23 610 + 4005 = heavy breath

25 0.04 + 0.04 = scare

3 101 x 5 = distress signal

4 8 903 402 x 2 =

5 1000 - 229 = sick

8 385 700 ÷ 50 =

golden egg

small mountain