MATHEMATICS

Year 2/Primary 3

PRIM-ED PUBLISHING

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PARENT PACK

MONDAY

1.



start



Go up 2 squares. Go right 1 square. Go down 2 squares. What shape are you on?

- 2. It is half past 3.

 What will
 the time be
 in half an hour?
- **3**. 7 + 0 =
- **4.** 20 5 =
- **5.** Draw a circle around half of the shapes.





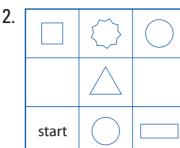
6. 8, 10, 14, 16

- 7. 19 is less than 20 by how many?
- **8**. 1, 3, 5, , 9, 11
- **9**. 10 + 10 + 10 =
- **10.** Write the numeral eighty-two.

TUESDAY

1. It is half past 6.

What time
will it be in
half an hour?



Go right 2 squares. Go up 1 square. Go left 1 square. What shape are you on?

- **3.** 7 + 4 =
- **4.** 20 15 =
- **5.** 17 is less than 10. True or false?
- **6.** Draw a circle around half of the shapes.



- **7**. 11, 13, 15, 17, 21
- **8**. 10, 12, 14, , 18, 20
- 9. 14 is more than 10 by how many?
- **10.** How many triangles can you find?

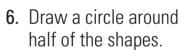


WEDNESDAY

1. Start Start

Go up 1 square. Go right 2 squares. Go up 1 square. What shape are you on?

- 2. What year was last year?
- 3. 17 is more than 10. True or false?
- **4**. 4 + 8 =
- 5. How many triangles can you find?





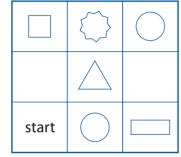
- 7. 16 is less than 20 by how many?
- 8. 17 is more than 10 by how many?
- **9**. 20, 22, , 26, 28, 30
- 10. It is half past 10.

 What will the time be in half an hour?

THURSDAY

- 1. 11 is more than 10 by how many?
- **2**. 5 + 6 =
- 3. It is half past 9.

 What will the time be in half an hour?
- **4**. 10, 20, 30, , 50
- **5.** 2 is more than 20. True or false?
- 6.



Go right 1 square. Go up 2 squares. Go left 1 square. What shape are you on?

- **7**. 20 6 =
- 8. Is a tissue lighter than a pencil?

Yes□ No□

9. Is the glove underneath the sock?



10. 31 + 10 = 41, so 41 + 10 =

FRIDAY

1. Is the sock on top of the glove?

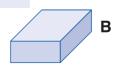


2. Is your pencil case heavier or lighter than this book?

Heavier □ *Lighter* □

- **3.** 6 + 9 =
- **4**. 21, 23, , 27, 29
- 5. 11 is less than 20 by how many?
- **6**. 20 − 7 =
- 7. It is half past 4.

 What time
 will it be in
 half an hour?
- 8. 12 is less than 15. True or false?
- 9. 75 + 10 = 85, so 85 + 10 =
- 10. Which shape can roll?



Α



ASSESSMENT

How did you do?

On Monday I scored

out of 10







On Tuesday I scored

out of 10







On Wednesday I scored

out of 10







On Thursday I scored

out of 10







On Friday I scored

out of 10



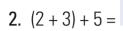




My teacher says

MONDAY

There are more squares than triangles.
True or false?



4. o'clock

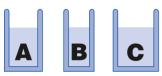


5. Circle the heaviest item.





- **6**. 5, 10, 15, 20, , 30
- 7. Circle which jar has the least volume of water.



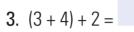
- 8. 5 + 9 =
- **9**. 9 5 =
- 10. 8 7 -5 2

TUESDAY

1. Half past



2. I have 10 sweets. Sam has 6 sweets. How many more have 1?



- **4**. 3 + (4 + 2) =
- **5**. 9 1 =
- **6.** Circle which jar has the greatest volume of water.



- **7**. 2 + 9 =
- **8**. 20, 22, 24, , 28, 30
- 9. 20 is more than 12. True or false?
- **10**. 1, 3, 5, 7, 9, , 13, 15

WEDNESDAY

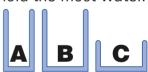
1. Start Start

Go up 1 square. Go right 1 square. Go down 1 square. What shape are you on ?

2. Draw a circle around half of the shapes.



- **3**. 10, 20, 30, 40, , 60
- **4.** 8 3 =
- **5.** Circle which jar could hold the most water.



- **6.** 6 + 6 =
- **7**. 5, 10, , 20, 25, 30
- **8.** Draw a circle around half of the shapes.



- 9. Susan has 8 fish. James has 6 fish. How many more fish has Susan?
- **10.** 12 + = 12

THURSDAY

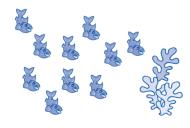
- 1. 7 + 6 =
- **2**. 4 + 2 + 3 =
- **3**. 7 − 0 =
- 4. Half past



- **5**. 15 + 5 =
- 6.

There are more squares than circles.
True or false?

- **7**. 5 + 5 + 5 + 5 =
- 8. 7 + = 12
- **9**. 18 = 9
- **10.** Circle the fish that will reach the seaweed 10th.



FRIDAY

1. Draw a circle around half of the shapes.



2. Circle the heaviest item.





3. Circle which jar would hold more water in it.



- **4.** 8 + 10 =
- **5**. Half past



- 6. 8 2 =
- 7. <u>AAAAA</u>

There are more triangles than circles. True or false?

- **8**. (1 + 5) + 4 =
- 9. 1 + (5 + 4) =
- **10.** 20 is less than 12. True or false?

ASSESSMENT

How did you do?

Monday out of 10

Tuesday out of 10

Wednesday out of 10

Thursday out of 10

Friday out of 10

Plot your scores on the graph.



Day of the week

My teacher says

NEW WAVE MENTAL MATHS Year 2/Primary 3 Book – Answers

WEEK 31 pages 62 – 63	WEEK 32 pages 64 – 65	WEEK 33 pages 66 – 67	WEEK 34 pages 68 – 69	8 – 69 WEEK 35 pages 70 – 71	
Monday	Monday	Monday	Monday	Monday	
1. 6	1. circle	1. false	1. go to bed	1. go to school	
2. 14	2. 4 o'clock	2 . 10	2. Saturday	2 . 3	
3. 9 4. 9 o'clock	3 . 7 4 . 15	3 . 10 4 . 8 o'clock	3 . 4, 8, 12 4 . 3, 6, 9, 12	3. 4 o'clock 4. 10	
5. Teacher check	5. 3 ovals	5. car	5 . 12	5. 40	
6 . 5 + 5 = 10	6. 12	6. 25	6. flower	6. false	
7 . 39	7. 1	7 . B	7. even	7 . 80	
8. 10p	8. 7	8. 14	8. odd	8 . 99	
9. 6	9. 30	9. 4	9. 25	9. bus 10. 5	
10. 3	10. 82	10. 35	10. 6		
Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	
1. 3 o'clock	1. 7 o'clock	1. 10	1. 2	1. 6:30	
2 . 10 3 . 13	2. triangle 3. 11	2 . 4 3 . 9	2. eat lunch 3. April	2. eat dinner 3. 11	
4. Teacher check	4. 5	4. 9	4. 15, 19, 24, 30	4. odd	
5 . 90	5. false	5 . 8	5. 18p	5 . 50	
6 . 12	6. 4 ovals	6. A	6. pencil	6 . 15	
7. true	7 . 19	7. 11	7 . 49	7 . 15	
8. 6 rectangles	8. 16	8. 26	8. 4	8. 98	
9 . 5 10 . 9	9. 4 10. 2	9. true 10. 11	9. 2 10. false	9 . 1 + 5, 3 + 3 10 . 3	
Wednesday	Wednesday	Wednesday	Wednesday	Wednesday	
 Teacher check Wednesday 	semicircle Teacher check	1. circle 2. 5 circles	1. 63 2. eat breakfast	1 . 60 2 . 26	
3. 73	3. true	3. 50	3. 7	3. true	
4. 9	4 . 12	4. 5	4. odd	4. apples	
5 . 12	5 . 2	5 . B	5 . 9	5 . 5	
6. false	6. 5 circles	6. 12	6. 13	6. 18	
7 . 5p	7. 4	7 . 15	7. cat	7 . 2 + 6, 4 + 4	
8 . 8 9 . 6	8. 7 9. 24	8. 3 circles 9. 2	8. August 9. 89	8. 16 9. 10:30	
10. 6 o'clock	10 . 11 o'clock	10. 0	10 . 10	10 . 3	
Thursday	Thursday	Thursday	Thursday	Thursday	
1 . 7 2 . 99	1. true 2. 11	1 . 13 2 . 9	1 . 35, 40, 70, 80 2 . 5	1. 70 2. 20	
3. 12 o'clock	3. 10 o'clock	3. 7	3. 4	3 . 20	
4. 3	4 . 40	4. 2	4. 3	4 . 12	
5 . 3	5. false	5 . 20	5 . 71	5 . 4:30	
6 . 13	6. square	6. false	6 . 1 + 4, 2 + 3	6 . 18	
7. 11	7. 14	7 . 20	7. 9	7 . 1, 5	
8. true 9. 5	8. yes 9. no	8 . 5 9 . 9	8. October 9. 12	8 . 4, 8 9 . 3 + 7, 6 + 4	
10 . 4 + 6 = 10	10 . 51	10. Teacher check	10. 12	10. 6	
Friday	Friday	Friday	Friday	Friday	
1. bricks	1. yes	1. 6 circles	1. 10	1. 16	
2. 5	2. Teacher check	2. truck	2. triangle	2. 80	
3. true	3. 15	3. B	3. 1	3. true	
4. 8 o'clock	4 . 25	4 . 18	4. Monday	4 . 15	
5 . 3	5 . 9	5. 12	5. Friday	5 . 15	
6 . 13	6. 13	6 . 6	6. Tuesday	6. 8 o'clock	
7 . 53 8 . 5p	7. 5 o'clock 8. true	7. true 8. 10	7 . 30p 8 . 15	7 . 7, 9 8 . 10, 12	
9. 2	9 . 95	9 . 10	9 . 15	9 . no	
10. 8	10. A	10. false	10. Teacher check	10. 5	

One more, one less

Each of the numbers below has two partners. One is the number that comes before it and one is the number that comes after it.

Can you find their before and after partners?

24

39

50

71

28

77

93

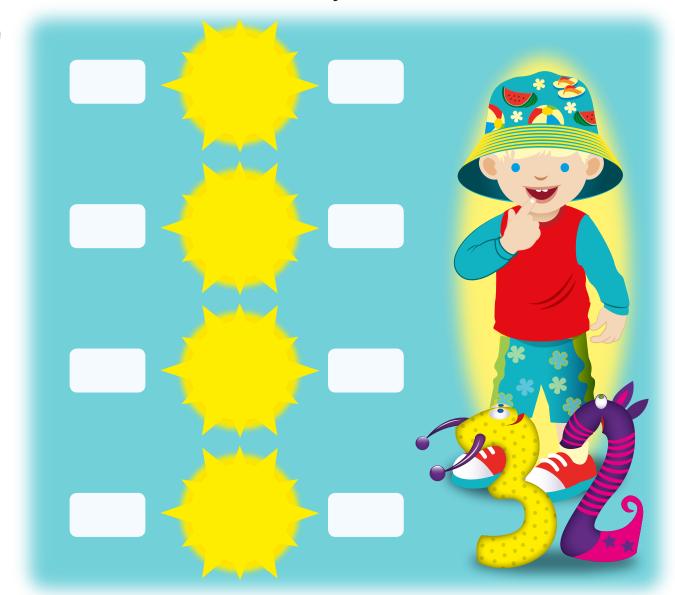
Numbers before	Numbers after
38	25
70	94
92	72
76	40
27	29
23	51
49	78



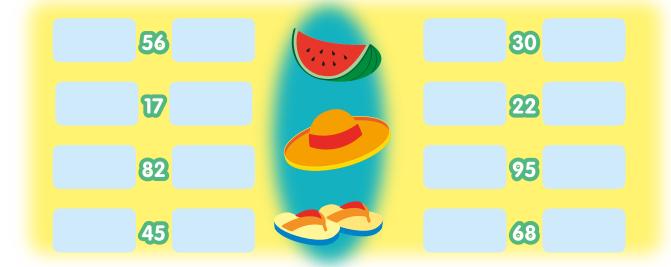
Number before		Number after
	24	
	39	
	50	
	77	
	28	
	77	
	93	

Sun smart

Write a two-digit number in each of the suns below. Work out what comes before and after your number.



2. Can you work out what comes before and after these numbers?



Missing numbers

Fill in the missing numbers. Check your answers by counting forward from 1 to 110.

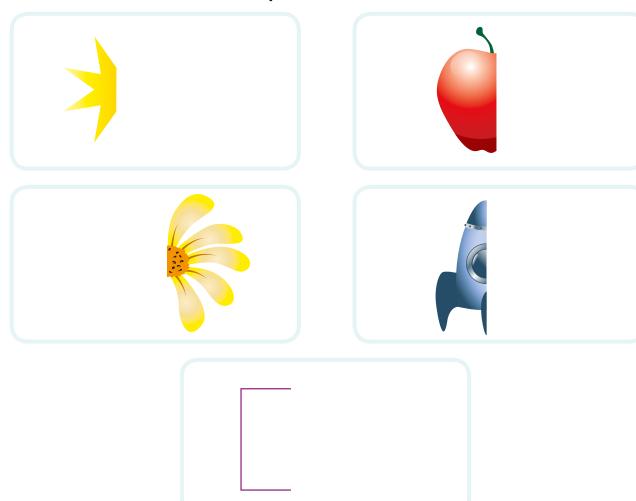
บ									w
		13	143						20
21				25			28	29	
	32				83				40
		43	44					49	
	52			55			5 8		
			64	65			68		70
	72				7 3	777			
ខា	82	83							90
			94	95				99	
		103				107			w

2. Challenge yourself by counting backwards from 110 to 0. Can you do this with your eyes closed?

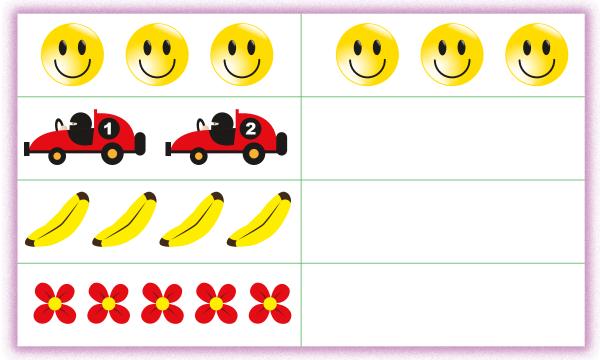


Make me whole

1 Draw the other half of the pictures below.



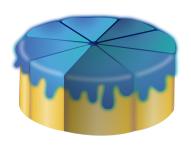
2. Draw the other half of the collections below. The first one is done for you.



How many would make a half?

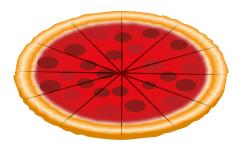
A half is one of two equal parts.

If I were to eat a half of the cake below, I would eat 4 slices! That is a lot of cake!



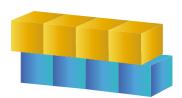
Half of this cake is 4 slices.

How many pieces of pizza would you eat if you ate half the pizza below?



I would eat pieces.

2 How many blocks would you have if you had half of the blocks below?



I would have blocks.

8 How many books would you have read if you read half of the books below?



I would have read



I am turning 6½ and want to celebrate with a halves party. Help get the party ready.

Make half the cake chocolate and give the other half sprinkles.



- 2. Colour half the grapes red and the other half green.
- Make half the balloons one colour and the other half a different colour.



4. Create a pizza that is ½ mushroom and ½ plain.



5 Cut the candle in half.

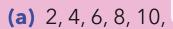


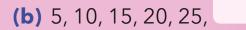
6 Fill half the platter with strawberries and the other half with blueberries.



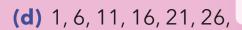
Pattern practice

1. Continue the skip counting pattern for 3 more numbers. They get harder and harder as you go along.







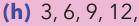


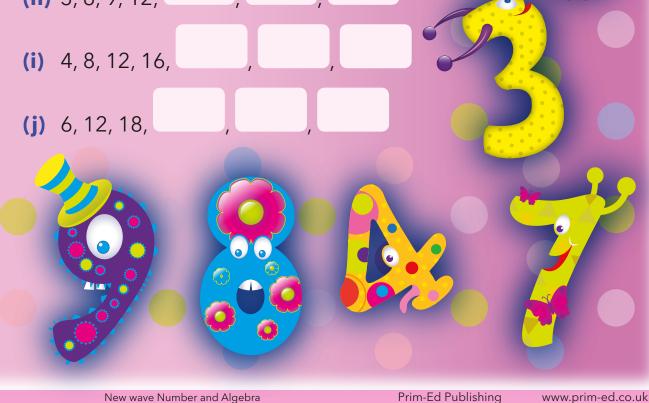
(e) 53, 55, 57, 59, 61,

(f) 140, 130, 120, 110, 100,

(g) 100, 98, 96, 94, 92,

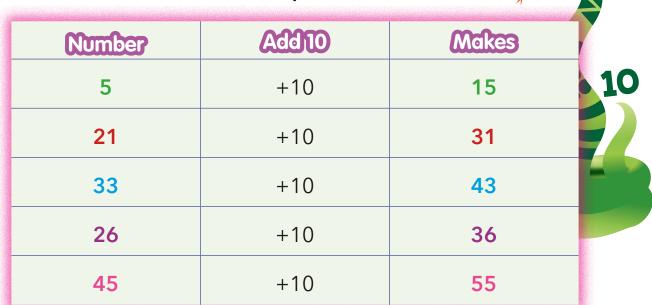
These ones are super tricky!



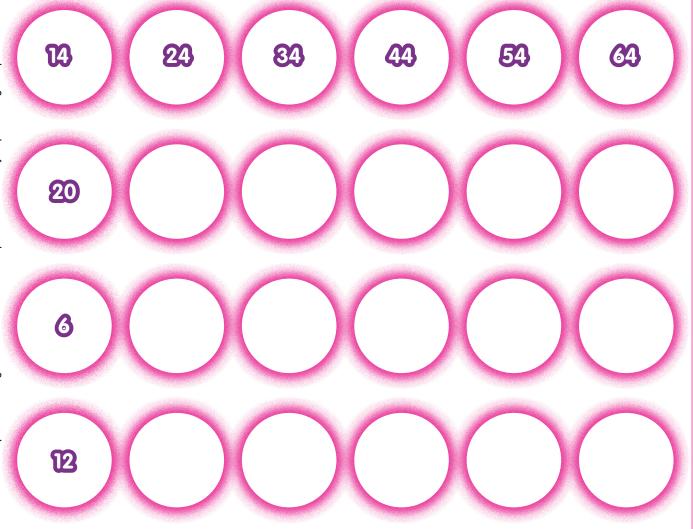


Ten more, please

What pattern do you notice when you add 10 to a number? Look at the examples below.

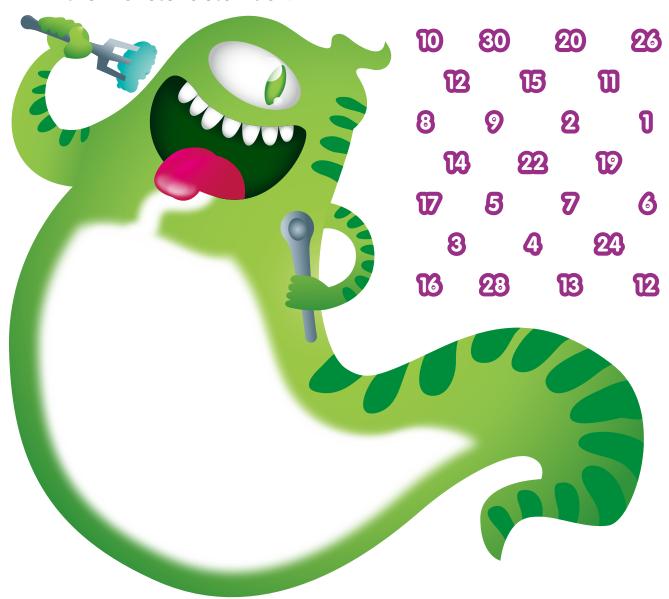


Can you make a counting in 10s pattern? The first one is done for you.



An odd monster

The monster below only likes to eat even numbers. Work out which of the numbers below are even. Write these even numbers in the monster's stomach.



2. Can you think of any other even numbers the monster might like to eat? Write them on the plate below.



ROUNDING

NUMBER

TEACHER INFORMATION

Objective

Rounds one- and two-digit numbers to the nearest 10.

Concepts required

Numbers ending in five are rounded up

Answers

- 1. (a) 20
 - (b) 10
 - (c) 20
 - (d) 30
 - (e) 50
- 2. (a) 30

 - (d) 20
- 3. (a) 10
 - (d) 30

 - (g) 70

- (b) 10
- (e) 90
- (b) 10
- (e) 40
- (h) 70

- (c) 60
- (f) 50
- (c) 20
- (f) 40
- (i) 80

- 4. 21, 15, 18, 23, 17, 22, 19, 24
- 5. 45, 48, 51, 54, 49, 52, 53

ROUNDING

NUMBER

1. Round the number to the nearest 10.

- (a) Is 21 nearer to 20 or 30?
- (b) Is 8 nearer to 0 or 10?
- (c) Is 19 nearer to 10 or 20?
- (d) Is 34 nearer to 30 or 40?
- (e) Is 52 nearer to 50 or 60?

2. When a number ends in 5, round up to the nearest 10.

- (a) 25 rounds up to
- (b) 5 rounds up to

- (c) 55 rounds up to
- (d) 15 rounds up to

- (e) 85 rounds up to
- (f) 45 rounds up to

3. Round the numbers to the nearest 10.

- (a) 7
- (b) 13
- (c) 22

- (d) 31
- (e) 38
- (f) 44

- (g) 69
- (h) 65

(i) 75

4. Circle the numbers that will round to 20.

21 14 15 18 23 29 17 22 19 24

5. Circle the numbers that will round to 50.

45 55 48 51 54 42 49 52 57 53

SUBTRACTION PROBLEMS



NUMBER

TEACHER INFORMATION

Objective

Solves subtraction number and word problems.

Concepts required

Place value
Vertical subtraction
Writing number sentences
Reading and solving word problems

Answers

- 1. (a) 4
 - (b) 5
 - (c) 4
 - (d) 2
- 2. (a) 9-2=7
 - (b) 12 7 = 5
 - (c) 15-9=6
 - (d) 20 10 = 10
 - (e) 16-7=9
 - (f) 20-15=5

SUBTRACTION PROBLEMS

NUMBER

1. Solve the subtraction problems.

- 2. Write the number sentence and solve the problem.
 - (a) There were nine muffins. James ate two.

How many were left?



(b) Tess is twelve years old and Lela is seven.

How much older is Tess?



(c) There were fifteen children. Nine were girls.

How many were boys?



(d) Alice read ten pages. If there are twenty pages in the book, how many more pages are left to read?

_ =

(e) Ben had sixteen toys and gave seven to Noah.

How many did he have left?



(f) Amber made twenty cards. She gave away fifteen.

How many did she have left?



PATHS AND GRIDS



TEACHER INFORMATION

Objective

Draws a path and uses a grid for location.

Concepts required

Simple paths

Locational language — next to, below, above, top, bottom, right, left, under, between

Answers

- 1. Answers will vary
- 2. (a) crab
 - (b) whale
 - (c) seahorse
 - (d) fish
 - (e) top left-hand
 - (f) Teacher check location
 - (g) Teacher check location
 - (h) Teacher check location

PATHS AND GRIDS

SHAPE

1. Draw a simple layout of your house. Show how you would walk from the sink in the kitchen to the door of your bedroom. Label the start and finish.

PUPIL NAME

2. Use the grid to answer the questions.

- (a) The starfish is next to the _____.
- (b) The _____ is in the top right hand corner.
- (c) The dolphin is below the _____.
- (d) The seahorse is to the right of the _____.
- (e) The stingray is in the ____

corner.

- (f) Draw another fish in the square above the shell.
- (g) Draw some seaweed in the square under the dolphin.
- (h) Draw a seagull in the space between the stingray and shark.

