











Pond Dipping

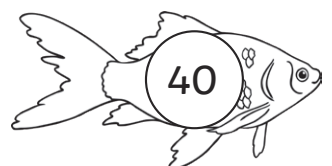
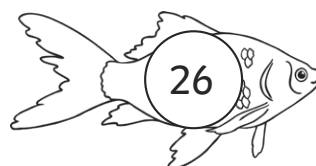
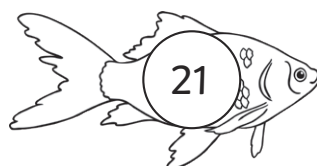
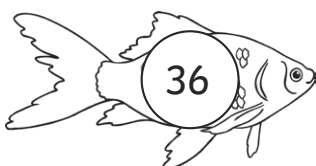
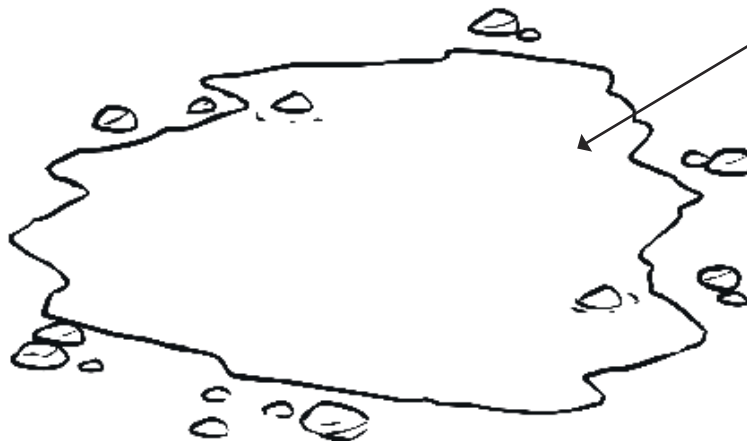
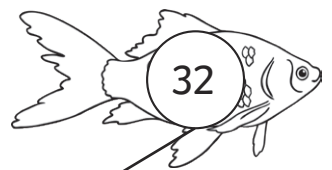
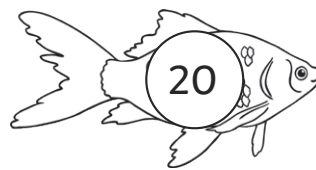
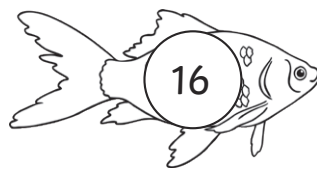
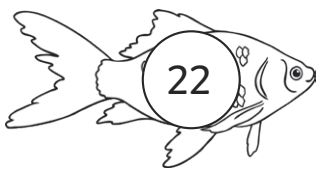
To count in multiples of four.



1. Oh no! The multiples of 4 have been covered up by lily pads. Can you fill in the missing numbers?

1	2	3		5	6	7		9	10
11		13	14	15		17	18	19	
21	22	23		25	26	27		29	30
31		33	34	35		37	38	39	

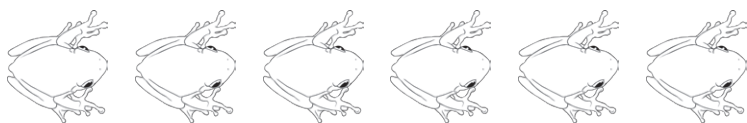
2. This pond only accepts fish which are multiples of 4. Draw an arrow to the pond for all the fish which are allowed in the pond! One has been done for you.



3. How many legs are there?

Count along in multiples of four to calculate the answer. The first one has been done.

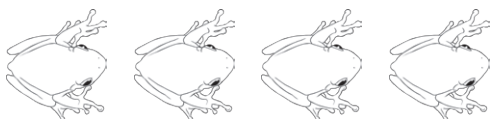
3 frogs



0, 4, 8, 12

12 legs

4 frogs



0,

_____ legs

5 frogs



0,

_____ legs

6 frogs



0,

_____ legs

4. Help Tiddalick to count back in steps of 4.



Pond Dipping Answers

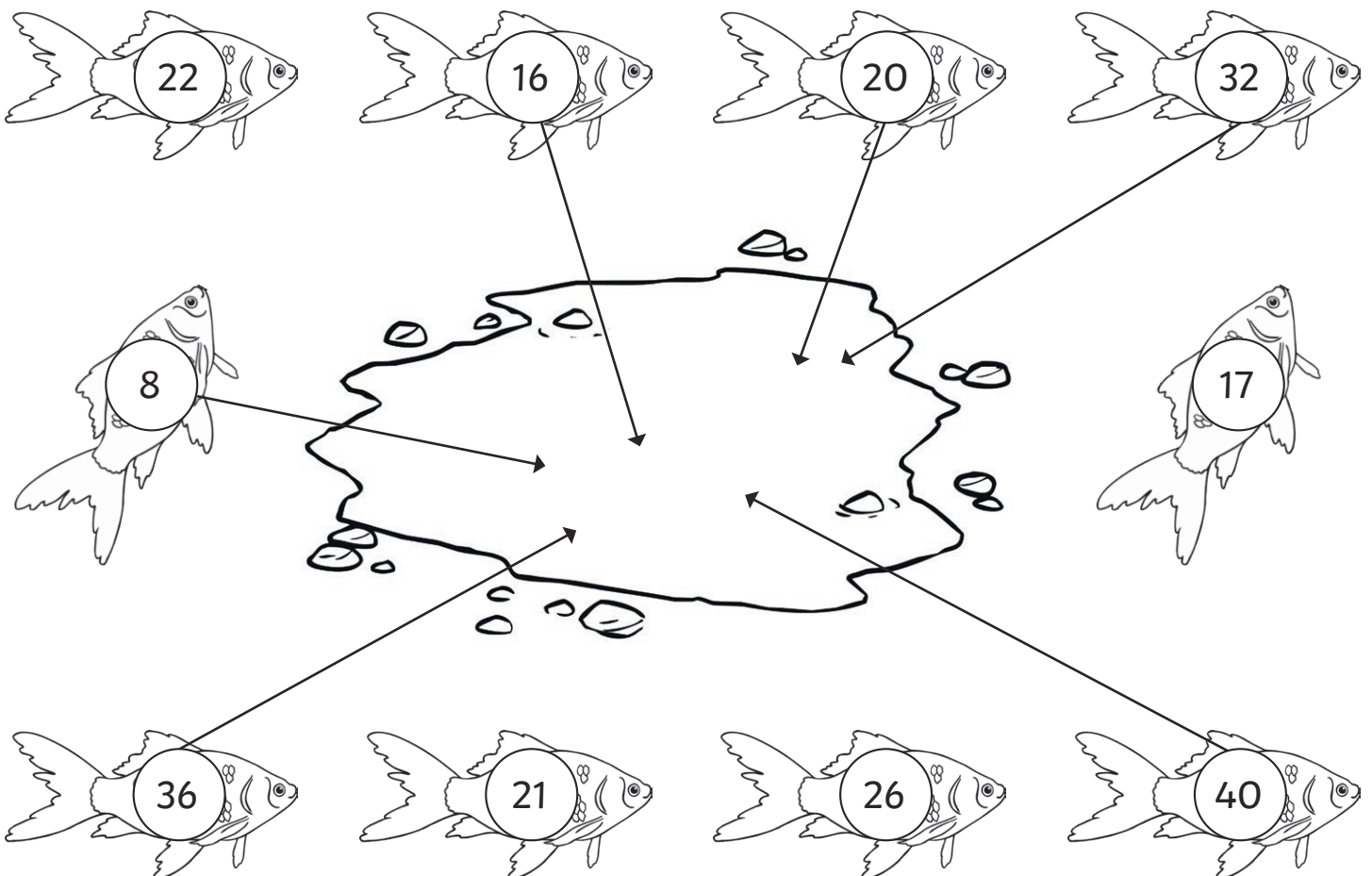
To count in multiples of four.



1. Oh no! The multiples of 4 have been covered up by lily pads. Can you fill in the missing numbers?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

2. This pond only accepts fish which are multiples of 4. Draw an arrow to the pond for all the fish which are allowed in the pond! One has been done for you.



3. How many legs are there?

Count along in multiples of four to calculate the answer. The first one has been done.

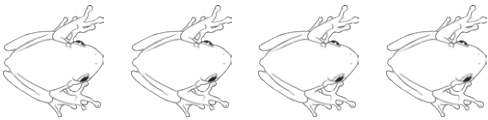
3 frogs



0, 4, 8, 12

12 legs

4 frogs



0, 4, 8, 12, 16

16 legs

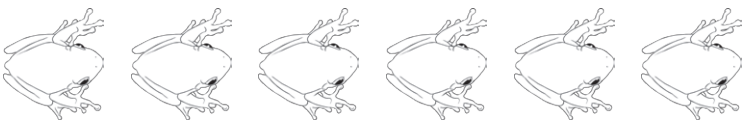
5 frogs



0, 4, 8, 12, 16, 20

20 legs

6 frogs



0, 4, 8, 12, 16, 20, 24

24 legs

4. Help Tiddalick to count back in steps of 4.





Pond Dipping


To count in multiples of four.




1. Help Tiddalick jump forwards in multiples of 4.


a)  0 4 _____ 16 20 _____


b)  12 _____ 24 _____ 36


c)  24 28 _____ 40 _____


d)  32 _____ 40 _____ 52 _____

2. Help Tiddalick jump backwards in multiples of 4.

a)  24 20 _____ 8 4 _____

b)  40 _____ 28 _____ 16

c)  48 44 _____ 32 _____


d)  56 _____ 48 _____ 36 _____

3. How could Tiddalick check whether he has counted backwards correctly?

4. Tiddalick has made some mistakes. Tick the correct ones. If he is wrong, write the correct answers underneath:

a)      

b)      

c)      

d)      

e)      





f)      

Pond Dipping Answers





To count in multiples of four.



1. Help Tiddalick jump forwards in multiples of 4.

- a)  0 4 8 12 16 20 24
- b)  12 16 20 24 28 32 36
- c)  24 28 32 36 40 44 48
- d)  32 36 40 44 48 52 56 60


2. Help Tiddalick jump backwards in multiples of 4.







- a)  24 20 16 12 8 4 0
- b)  40 36 32 28 24 20 16
- c)  48 44 40 40 32 28 24
- d)  56 52 48 44 40 36 32 28

3. How could Tiddalick check whether he has counted backwards correctly?







He could start at the right end and count forwards in multiples of 4.







4. Tiddalick has made some mistakes. Tick the correct ones. If he is wrong, write the correct answers underneath:







a)      

b)      
36 32 28 24 20 16

c)      

d)      
40 36 32 28 24 22

e)      
16 20 24 28 32 36


f)      
48 44 40 36 32 28


Pond Dipping


To count in multiples of four.





1. Help Tiddalick jump forwards or backwards in multiples of 4.


a)  20 24 _____ 36 40 _____

b)  36 _____ 48 _____ 60

c)  40 44 _____ 56 _____

d)  _____ 44 _____ 32

c)  64 60 _____ 48 _____

d)  60 _____ 52 _____ 40 _____

2. In each set, circle the number that is not a multiple of 4.

- a) 16 28 40 44 50 52
- b) 24 32 38 44 56 62
- c) 32 24 33 88 16 20
- d) 20 8 28 16 54 36

3. In a box there are 4 pens. I have 6 boxes of pens. How many pens do I have?

Jay uses his knowledge of counting in multiples of four to answer this problem. He counted six multiples of four: 4, 8, 12, 16, 20, 24. He knows the answer is 24 pens.

Use your knowledge of counting in multiples of four to answer these problems:

<p>a) 4 children can sit at a table. If there are 7 tables, how many children could sit down?</p>	<p>b) How many legs are there on 5 cats?</p>
<p>c) Chocolate eggs come in packs of 4. How many eggs in total would there be in 6 packs?</p>	<p>d) In a PE lesson, the children are split into groups. There are five groups with 4 children each, and one group with 3 children. How many children altogether?</p>

4. Write your own problem which involves counting ten steps of 4.

Pond Dipping Answers

To count in multiples of four.



1. Help Tiddalick jump forwards or backwards in multiples of 4.

a)  20 24 **28** **32** 36 40 **44**

b)  36 **40** **44** 48 **52** **56** 60

c)  40 44 **48** **52** 56 **60** **64**

d)  **56** **52** **48** 44 **40** **36** 32

c)  64 60 **56** **52** 48 **44** **40**

d)  60 **56** 52 **48** **44** 40 **36** **32**

2. In each set, circle the number that is not a multiple of 4.

a) 16 28 40 44 **(50)** 52

b) 24 32 **(38)** 44 56 62

c) 32 24 **(33)** 88 16 20

d) 20 8 28 16 **(54)** 36

3. In a box there are 4 pens. I have 6 boxes of pens. How many pens do I have?

Jay uses his knowledge of counting in multiples of four to answer this problem. He counted six multiples of four: 4, 8, 12, 16, 20, 24. He knows the answer is 24 pens.

Use your knowledge of counting in multiples of four to answer these problems:

<p>a) 4 children can sit at a table. If there are 7 tables, how many children could sit down?</p> <p style="text-align: center;">28 children</p>	<p>b) How many legs are there on 5 cats?</p> <p style="text-align: center;">20 legs</p>
<p>c) Chocolate eggs come in packs of 4. How many eggs in total would there be in 6 packs?</p> <p style="text-align: center;">24 eggs</p>	<p>d) In a PE lesson, the children are split into groups. There are five groups with 4 children each, and one group with 3 children. How many children altogether?</p> <p style="text-align: center;">23 children</p>

4. Write your own problem which involves counting ten multiples of four.

Multiple questions possible which give the answer 40, for example:

How many legs are there on 10 dogs?

Apples come in packs of 4. I buy 10 packs. How many apples do I have?