



# Keep-uppI Maths Workout



Year 1 - Pack 3

Answers



KPIs for Term 3

Represent and use number bonds for 11 to 16 (addition facts)

Represent and use number bonds for 11 to 16 (subtraction facts)

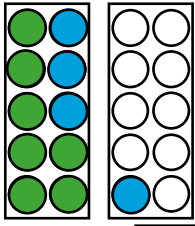
Measure length and height



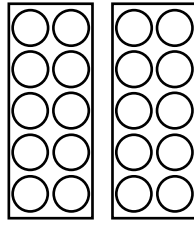
# Addition Workout

Represent and calculate.

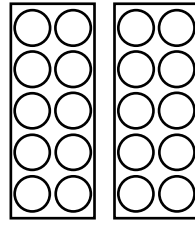
$7 + 4 = \boxed{11}$



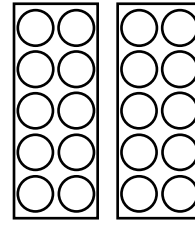
$7 + 6 = \boxed{13}$



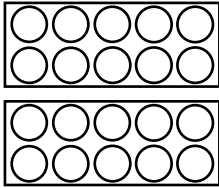
$7 + 7 = \boxed{14}$



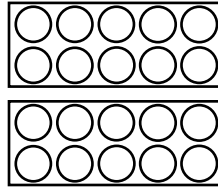
$7 + 5 = \boxed{12}$



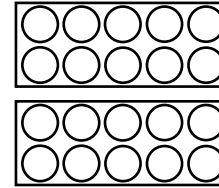
$8 + 7 = \boxed{15}$



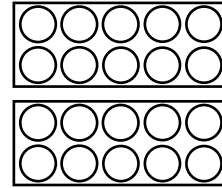
$9 + 5 = \boxed{14}$



$8 + 8 = \boxed{16}$



$9 + 7 = \boxed{16}$

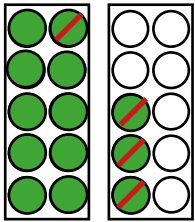


# Workout A

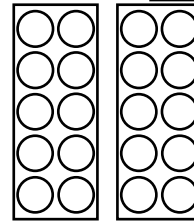
# Subtraction Workout

Represent and calculate.

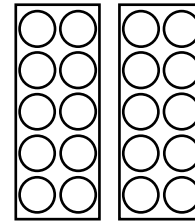
$13 - 4 = \boxed{9}$



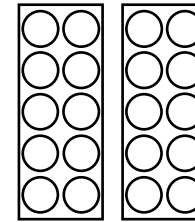
$15 - 7 = \boxed{8}$



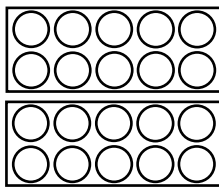
$11 - 7 = \boxed{4}$



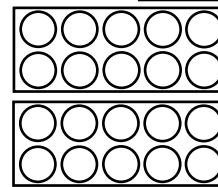
$16 - 9 = \boxed{7}$



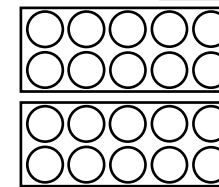
$14 - 7 = \boxed{7}$



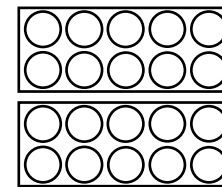
$16 - 8 = \boxed{8}$



$12 - 8 = \boxed{4}$



$15 - 9 = \boxed{6}$

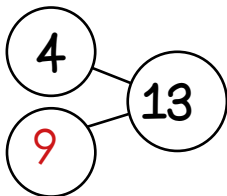


# Workout B

# Addition and Subtraction Workout

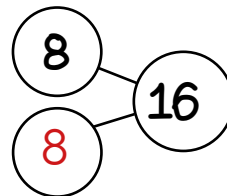
Complete the part-part-whole diagrams.

Write an addition and subtraction calculation for each one.



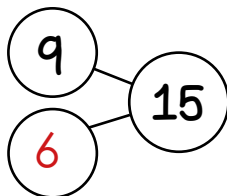
$9 + 4 = 13$

$13 - 4 = 9$



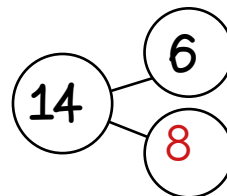
$8 + 8 = 16$

$16 - 8 = 8$



$6 + 9 = 15$

$15 - 9 = 6$



$6 + 8 = 14$

$14 - 8 = 6$

Draw more of your own part-part-whole diagrams.



# Number Facts (11 - 16) Game

Workout D

You need:

Counters or colours for each player

Number Facts (11 - 16) Board (on the next page.)

To play:

Every time it is your turn you cover (or colour) two numbers on the board.

One of your numbers plus the other number must make a total of 11, 12, 13, 14, 15 or 16

Say your number fact aloud.

The two numbers you cover do not need to be next to each other on the board.

I have covered a 9 and a 6 because  
9 and 6 make 15

To win:

The winner is the first player to get 5 in a line, horizontally, vertically or diagonally.



## Number Facts (11 - 16) Game Board

6	8	4	5	6	7	8	3	7
7	2	9	7	3	2	4	5	12
3	4	5	6	7	8	9	7	6
7	6	8	4	5	11	7	8	9
4	5	3	7	3	9	12	4	8
12	9	7	5	8	4	5	6	11
8	4	5	6	2	8	9	7	6
7	6	8	4	5	6	12	2	9
4	5	6	7	11	9	7	6	8



## Missing Number Workout

Workout E

Put digits in the empty boxes so that the calculations are correct.

Complete them in several different ways.

Possible solution

$$1 \boxed{6} - 9 = \boxed{7}$$

$$7 + \boxed{8} = 1 \boxed{5}$$

$$1 \boxed{4} = \boxed{3} + \boxed{1} 1$$

$$9 + \boxed{2} = 1 \boxed{0} + 1$$

Are there any boxes that it is impossible to put a 4 in? Why?  
What about other impossible digits?

Are there any boxes that could have any of the digits in them?

Now complete it using the digits 0, 1, 2, 3, 4, 5, 6, 7 and 8 once each.



# Measuring Challenge

Workout F

Estimate how many pencils long the table is.

Measure it to check.

Use a pencil as your measuring unit to measure the height or length of other things.

Estimate first, then measure.

Item	Estimate	Measurement
Table		

Now measure the same items using a different measuring unit, maybe your hand span.

Then measure again using yet another measuring unit, maybe a coin or a ruler.

What do you notice about your measurements?

Find something that is three units long. Now find something that is twice as long.

Find something that is two units tall. Now find something that is half as tall.

Find something that is four units long and something else that is four units tall.



# Word Problem Workout

Workout G

1. Colin has a pack of twelve crayons.  
Colin takes four out of the pack.  
How many are left?

8

2. Coco has 16 crackers.  
She eats 7 crackers then eats 3 more.  
How many crackers does she have left?

6

3. There are 15 lambs that need to be fed altogether.  
Colin feeds 7 lambs.  
How many more lambs need to be fed?

8

4. Coco builds a den using 14 sticks.  
Colin builds a den using 8 sticks.  
What is the difference between the number of sticks they use?

6

5. Coco and Colin are playing Fact Snap again. This time they say 'Snap' whenever two numbers add to make 12.  
List all the pairs that are 'Snap' as quickly as you can.

12 + 0, 11 + 1, 10 + 2, 9 + 3,  
8 + 4, 7 + 5, 6 + 6, 5 + 7,  
4 + 8, 3 + 9, 2 + 10, 1 + 11, 0 + 12

Create your own problems using addition and subtraction facts.



# Matching Workout

Match questions to correct answers or to other questions with the same answer.  
Fill in the missing buddies.

$5 + 11$	$6 + 6$
$16 - 8$	$14 - 9$
$15 - 6$	$10 + 6$
5	$6 + 7$
$8 + 5$	8
$4 + 8$	$11 - 4$
7	9
15	4
$16 - 12$	$7 + 8$

Match numbers, so the two numbers have a total of 15.  
Fill in the missing buddies.

9	8
10	9
12	6
7	7
4	3
8	11
5	5
6	10

Create your own Matching Workout.