

# Math Year 2

## Term3 Week 3 pack

Name: \_\_\_\_\_

Class: \_\_\_\_\_

**a) Solve the following problems:**

$25 \div 5 = \underline{5}$

$55 + 6 = 61$

$9 \times 5 = 45$

$85 - 32 = 53$

$46 + 12 = 58$

$68 - 18 = 50$

$4 \times 10 = 40$

$70 \div 10 = 7$

$79 + 18 = 97$

$9 \times 5 = 45$

$25 \div 5 = 5$

$56 - 25 = 31$

$68 - 46 = 32$

$18 \div 2 = 9$

$16 + 13 = 29$

$5 \times 10 = 5$

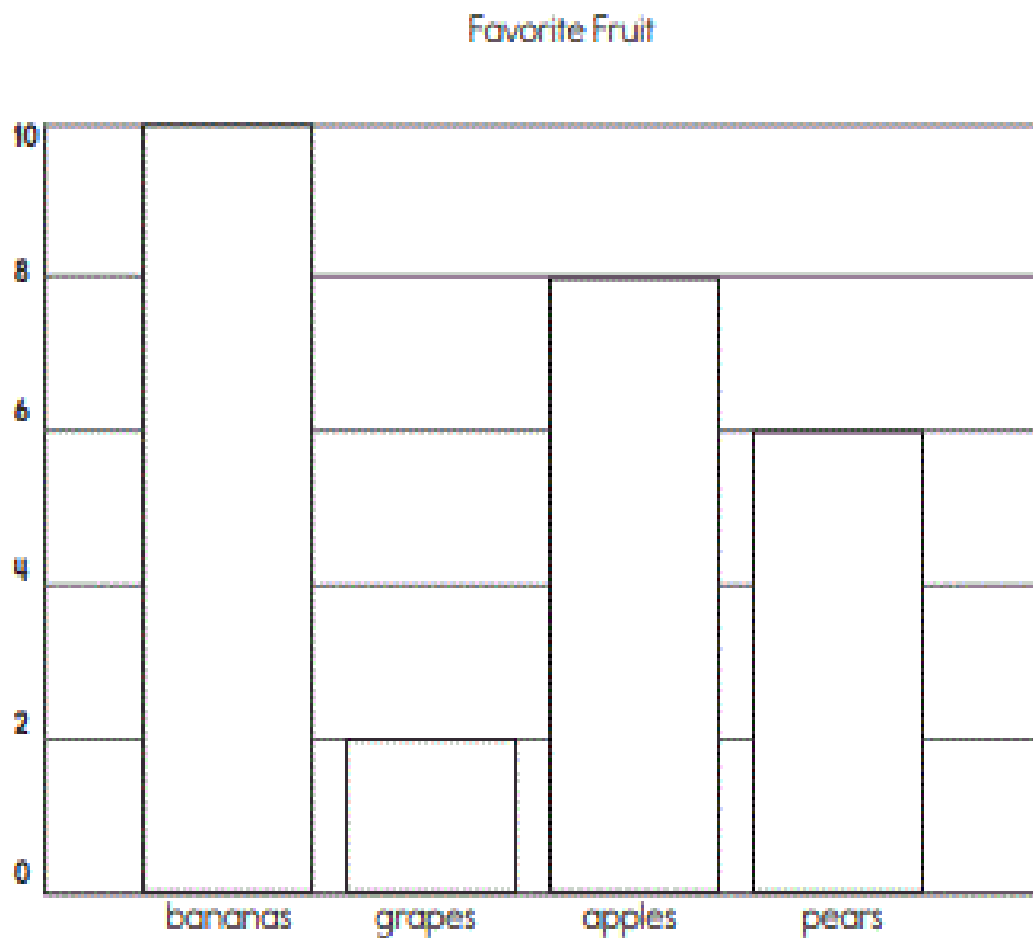
$26 + 41 = 67$

$47 - 8 = 39$

$2 \times 3 = 6$

$30 \div 5 = 6$

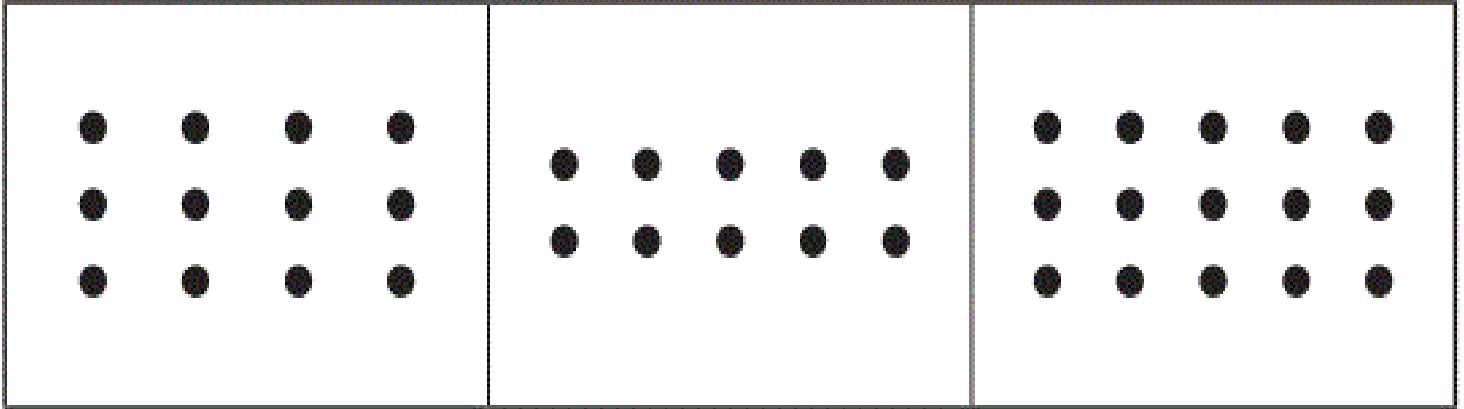
b) Look at the following graph and solve the questions:



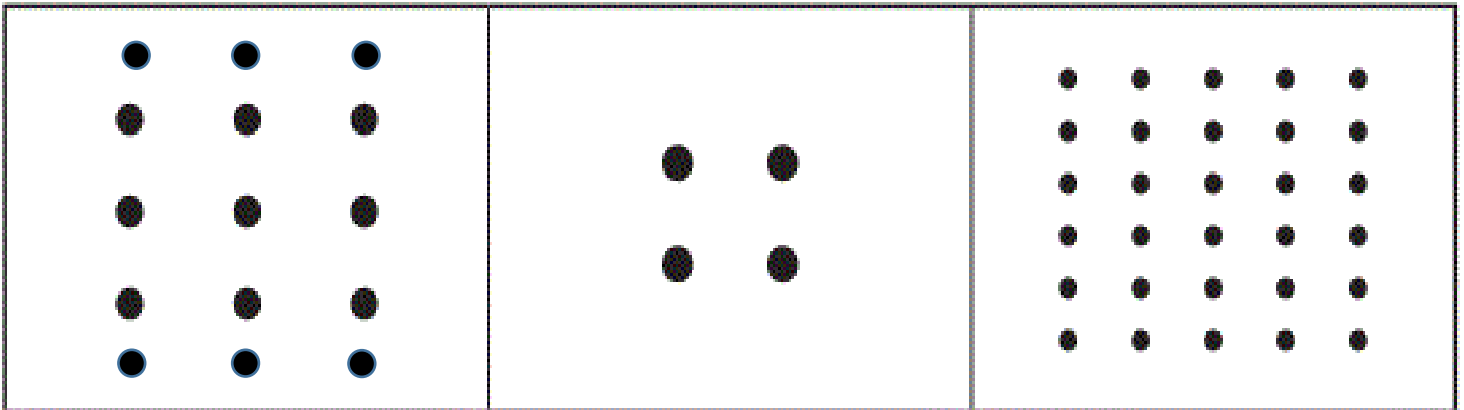
Answer the following questions.

- Which fruit is the class' favorite? bananas
- How many children chose apples as their favorite fruit? 6
- How many more children chose bananas than grapes as their favorite fruit? 8
- How many children chose apples or pears as their favorite fruit? 2 or 6

c) Write a multiplication sentence for each array.

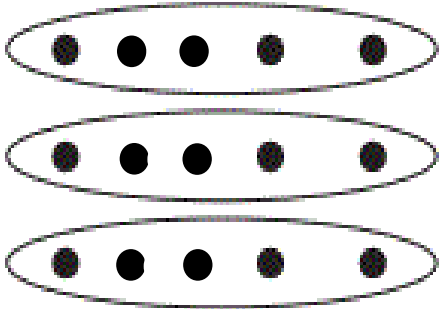
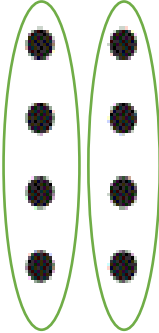
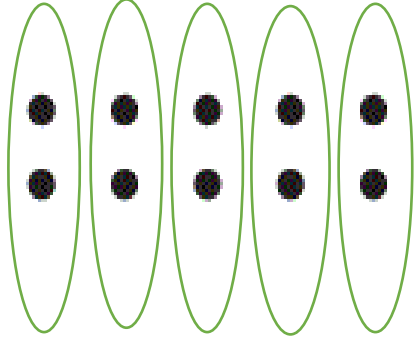


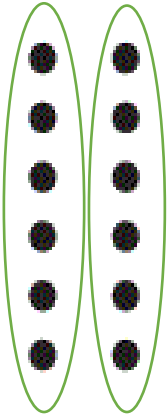
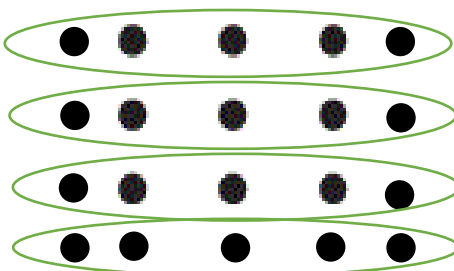

$3 \times 4 = 12$ or $4 \times 3 = 12$	$5 \times 2 = 10$ or $2 \times 5 = 10$	$5 \times 3 = 15$ or $3 \times 5 = 15$
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$5 \times 3 = 15$ or $3 \times 5 = 15$	$2 \times 2 = 4$ or $2 \times 2 = 4$	$5 \times 6 = 30$ or $6 \times 5 = 30$
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d) Write a division sentence for each array.

		
$15 \div 3 = 5$	$8 \div 2 = 4$	$10 \div 5 = 2$

		
$12 \div 2 = 6$	$20 \div 5 = 4$	$20 \div 2 = 10$

**e) Solve the following addition and subtraction columns equations:**

a.			b.			c.			d.			e.		
	4	9		3	6		2	6		4	7		5	5
-	2	3	+	3	2	+	3	1	+	2	2	-	3	2
	2	6		6	8		5	7		6	9		2	3
f.			g.			h.			i.			j.		
	8	5		2	4		4	6		7	3		6	8
-	3	2	+	3	0	+	3	3	-	3	2	-	2	6
	5	3		5	4		7	9		4	1		4	2

**f) Answer the following:**

•  $\frac{1}{2}$  of 10 =

5

•  $\frac{1}{4}$  of 12 =

3

•  $\frac{1}{2}$  of 22 =

11

•  $\frac{1}{4}$  of 8 =

2

To recognise and explain inverse relationships.



Tick the box that contains calculations that are the inverse of each other.

$$9 + 9 = 18$$

$$18 - 9 = 8$$

$$15 - 6 = 11$$

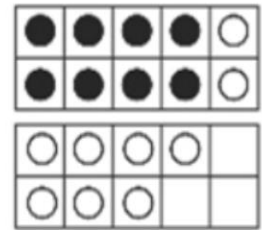
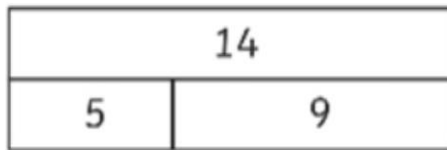
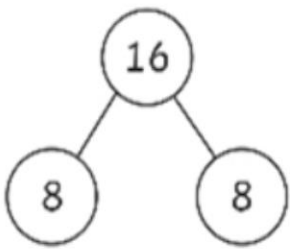
$$11 + 6 = 15$$

$$17 - 8 = 9$$

$$9 + 8 = 17$$

Fill in the missing gaps below to create inverse calculations.

Can you get back to where you started? Use the models to help you.



$$16 - \underline{8} = \underline{8}$$

$$\underline{8} + \underline{8} = 16$$

$$\underline{5} + \underline{9} = 14$$

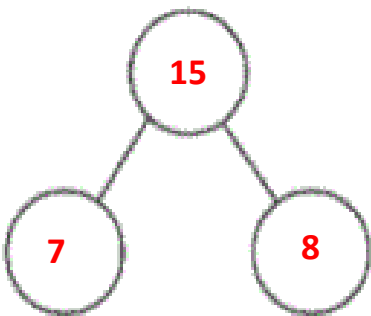
$$14 - \underline{9} = \underline{5}$$

$$\underline{17} - \underline{8} = \underline{9}$$

$$\underline{9} + \underline{8} = \underline{17}$$

Can you write inverse calculations using the numbers 15, 7 and 8?

Draw or make as many models as you can to match.



$$15 - 7 = 8$$

$$8 + 7 = 15$$

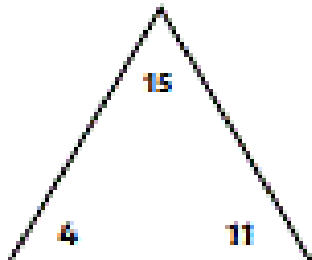
$$15 - 8 = 7$$

$$7 + 8 = 15$$

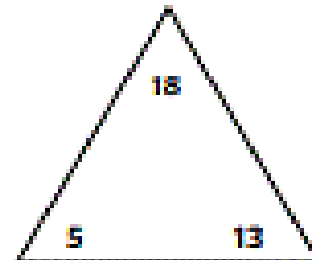


# Addition and Subtraction Fact Families to 20

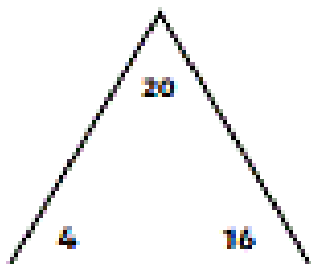
For each set of numbers, write four different addition and subtraction facts.



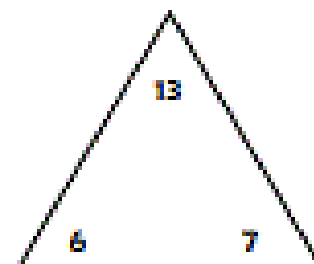
$$\begin{array}{l} \boxed{11} + \boxed{4} = \boxed{15} \\ \boxed{4} + \boxed{11} = \boxed{15} \\ \boxed{15} - \boxed{11} = \boxed{4} \\ \boxed{15} - \boxed{4} = \boxed{11} \end{array}$$



$$\begin{array}{l} \boxed{13} + \boxed{5} = \boxed{18} \\ \boxed{5} + \boxed{13} = \boxed{18} \\ \boxed{18} - \boxed{13} = \boxed{5} \\ \boxed{18} - \boxed{5} = \boxed{13} \end{array}$$




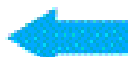
$$\begin{array}{l} \boxed{16} + \boxed{4} = \boxed{20} \\ \boxed{4} + \boxed{16} = \boxed{20} \\ \boxed{20} - \boxed{16} = \boxed{4} \\ \boxed{20} - \boxed{4} = \boxed{16} \end{array}$$




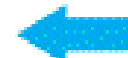
$$\begin{array}{l} \boxed{6} + \boxed{7} = \boxed{13} \\ \boxed{7} + \boxed{6} = \boxed{13} \\ \boxed{13} - \boxed{6} = \boxed{7} \\ \boxed{13} - \boxed{7} = \boxed{6} \end{array}$$




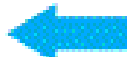
**Find the inverse calculation to check each calculation:**

25		4	8
+ 23		2	3
48		2 5	


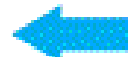
inverse

55		9	7
+ 42		4	2
97		5 5	

inverse

78		8	9
+ 11		1	1
89		7 8	

inverse

33		6	5
+ 32		3	2
65		3 3	

inverse