

YEAR 2

MATHS

# Home Learning Pack

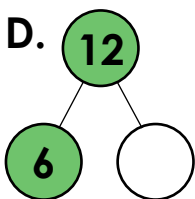
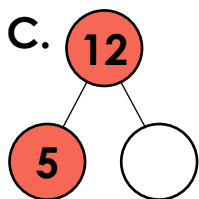
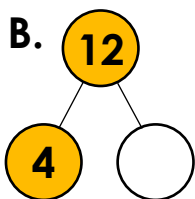
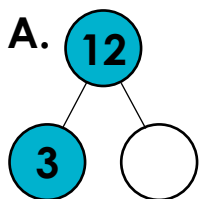
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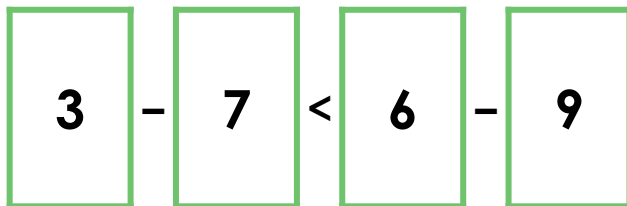
# Compare Number Sentences

1. Complete the part whole models.



VF

4. These cards have been placed in the wrong order.



Rearrange the digit cards to make the statement correct.

PS

2. Tick the statements that are true. Correct those that are false.

A.  $9 + 5$    $<$   $10 + 6$

B.  $9 + 5$    $<$   $10 + 4$

C.  $15 - 8$    $=$   $16 - 9$

D.  $15 - 8$    $=$   $16 - 7$

VF

5. Goran has written this comparison statement in his book:

$$16 - 7 > 15 - 6$$



Is he correct? Convince me.

R

3. Complete the comparison statements by using  $<$ ,  $>$  or  $=$ .

A.  $6 + 7$    $5 + 8$

B.  $14 - 8$    $13 - 8$

C.  $11 + 9$    $10 + 9$

D.  $18 - 4$    $19 - 5$

VF

6. Use the cards to complete the statements below.

$1$    $+ 6 < 12 + 7$    $12 + 8$

$16 - 6 = 15 -$    $= 1$    $- 4$

$4$    $<$    $5$    $2$

PS

## Compare Number Sentences

Arrange all of the cards below to compare the calculations.

$13 + 6$

 $<$ 

$13 + 7$

$14 + 4$

 $>$ 

$19 - 7$

 $=$ 

$16 - 5$

$15 - 4$

$14 + 3$

$20 - 7$

 $<$ 

Investigate ways of arranging the cards to make different comparisons.

Which cards must be compared with the equals sign each time?

# Related Facts

1. Write the calculations represented below.

$\square - \square = \square$

$\square - \square = \square$

VF

4. What related number fact will Anika need to work out how much the two toys cost altogether?

$\square + \square = \square$

How much would they cost? Explain your answer.

R

2. Connect the calculations to their answer and related number sentence. Fill in the missing numbers.

$4 + 3 =$	5	$40 + 30 =$	$\square$
$9 - 1 =$	$\square$	$90 - 10 =$	70
$8 - 3 =$	8	$80 - 30 =$	50

VF

5. Using only 3 numbers, complete the related fact calculations below.

$\square - 3 = \square$

$2 + \square = \square$

$50 - \square 0 = 20$

$30 + \square 0 = \square 0$

PS

3. Fill in the missing numbers.

$7 + 2$  →  $\square$

$70 + 20$  →  $\square$

$6 - 3$  →  $\square$

$60 - 30$  →  $\square$

VF

6. Noah says,

I know that  $4 + 2 = 6$ , so  
 $40 + 20 = 60$ .



Is he correct? Explain why.

R

## Related Facts

Faith is creating related facts using some digit cards in the jars to help her.

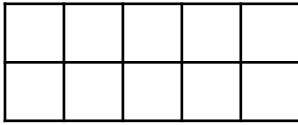


Investigate how many different related facts could be written using any combination of the digit cards from each jar. You can use addition and subtraction and each card can be used more than once.

# Bonds to 100 - Tens

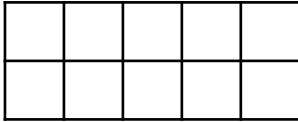
1. Using two different colours, shade the frames to match the number sequence.

A.



forty = thirty + ten

B.



seventy = twenty + fifty

VF

4. Use the clues to crack the alien's code.

A. =     B. =     C. =     D. =

+ = 80      + = 100

- = 10      - = 20

PS

2. Complete the bar model below in words.



VF

5. Circle the incorrect number sentence below.

A. sixty + 10 = seventy

B. twenty + forty = 60

C. thirty = ten + 10

Explain why it is incorrect.

R

3. Match each number to its bond to 100.

20

90

10

50

50

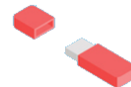
80

VF

6. Taylor spends £100 on two items. Which items did he buy?  
Find all the possible combinations.



£30



£20



£60



£40



£80

PS

## Bonds to 100 – Tens

Theresa is finding the value of each letter in the grid below. She knows that each row and column add up to 100, and each letter is a multiple of 5.

A	B	C
B	C	A
C	A	B

Investigate what the value of each letter could be.

What could the value of each letter be if each row and column add up to 90?