

Kayaks Maths for

6th July

7th July


8th July

9th July

10th July

There is one page for each day


Maths 6.7.20

 Use $<$, $>$ or $=$ to compare the number sentences.

$$3 + 8 \bigcirc 8 + 3$$

$$18 - 5 \bigcirc 18$$

$$12 + 4 \bigcirc 12 - 4$$

 Choose the correct digit card to make the number sentences correct.

$$13 - 5 < 13 - \underline{\quad}$$

$$16 - 4 = \underline{\quad} + 4$$

$$9 + \underline{\quad} > 9 + 1$$



Estimating Answers: Addition

To answer the following questions, decide which multiple of 10 each number is closest to and then add the numbers. Trying to answer quickly will help you to practise estimating rather than working the answer out. For example: $12 + 23 =$ (my estimate: $10 + 20 = 30$).

1. $32 + 59 =$

My estimate: $\square + \square = \text{cloud}$

2. $23 + 28 =$

My estimate: $\square + \square = \text{cloud}$

3. $51 + 53 =$

My estimate: $\square + \square = \text{cloud}$

4. $81 + 33 =$

My estimate: $\square + \square = \text{cloud}$

5. $89 + 27 =$

My estimate: $\square + \square = \text{cloud}$

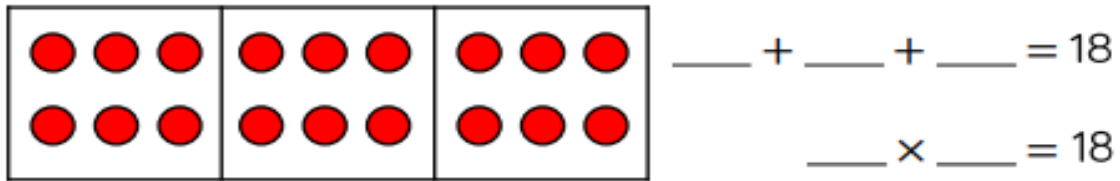
6. $59 + 92 =$

My estimate: $\square + \square = \text{cloud}$

Challenge: explain how you might use the inverse to check this calculation.

$$541 + 518 + 265 =$$

Complete the sentences to describe the equal groups.



There are ___ equal groups with ___ in each group.
 There are three ___.

Complete:

Three 2s	Draw It	Addition	Multiplication
There are 3 equal groups with 2 in each group.			

True or false?

$$6 \times 7 < 6 + 6 + 6 + 6 + 6 + 6 + 6$$

$$7 \times 6 = 7 \times 3 + 7 \times 3$$

$$2 \times 3 + 3 > 5 \times 3$$

Reasoning and Problem Solving

Here are 6 multiplications.

43×5	54×6	38×6
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33×2	19×7	84×5
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Which of the multiplications would you calculate mentally?

Which of the multiplications would you use a written method for?

Explain your choices.

Fill in the circles with either $<$, $>$ or $=$

$6 + 4$	<input type="text"/>	$6 + 5$
$6 + 4$	<input type="text"/>	$3 + 6$
$11 - 4$	<input type="text"/>	$12 - 5$
$11 - 4$	<input type="text"/>	$12 - 4$

Complete the missing numbers.

$5 + 3 = 6 + \underline{\quad}$

$5 + 3 = \underline{\quad} + 6 = 7 + \underline{\quad}$

$\underline{\quad} + 3 = \underline{\quad} + 4 = 5 + 5$

Estimating Answers: Subtraction

To answer the following questions, decide which multiple of 10 each number is closest to and then subtract the numbers. Trying to answer quickly will help you to practise estimating rather than working the answer out. For example: $24 - 13 =$ (my estimate: $20 - 10 = 10$).

1. $58 - 32 =$

My estimate: - =

2. $79 - 22 =$

My estimate: - =

3. $104 - 51 =$

My estimate: - =

4. $121 - 33 =$

My estimate: - =

5. $129 - 27 =$

My estimate: - =

6. $229 - 92 =$

My estimate: - =

Challenge: use 2 different methods to calculate and check this calculation.
Can you explain which method you find better?

365 - 87 =

All the numbers in the 4 x table are even.



All the numbers in the 4 x table are both even and odd.



Who is right? How do you know?

A two-digit number multiplied by a one-digit number will always have a two-digit product.



I think the product will sometimes be in the hundreds.



Who is correct? Prove it.

Factors come in pairs, so all numbers must have an even number of factors.

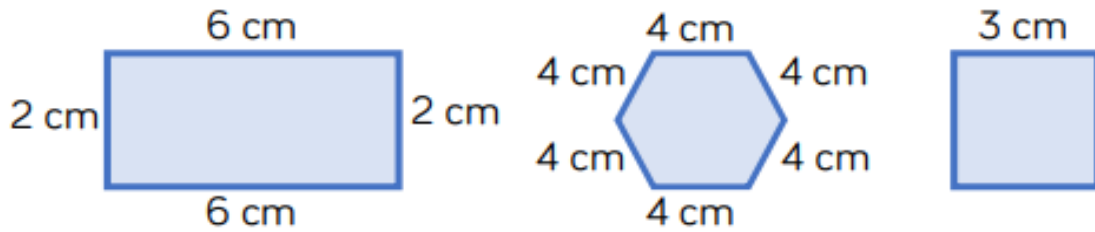


Not all factors come in pairs.



Who do you agree with and why?

Calculate the perimeter of the shapes.



Can you find more than one way to calculate the perimeter?

Use two different methods to calculate the perimeter of the squares.



What is the length of the missing side?



Teddy says,



You only need to know the length of one side of these 2-D shapes to work out the perimeter.



Do you agree with Teddy?
Explain your answer.