EVERYONE ENGAGED

EXPLAIN AND ELABORATE

ACTIVE LISTENING

TEACH AND SUPPORT

JOB DONE

McKie Mastery

Power Maths™

Starter for 10

A green pencil is twice as long as a blue pencil.

Using this, complete the statements using **longer than**, **shorter than** or **equal to**.

3 green pencils are _____ 2 blue pencils

2 green pencils are _____ 5 blue pencils

4 green pencils are _____ 8 blue pencils

DATE 16.07.2020

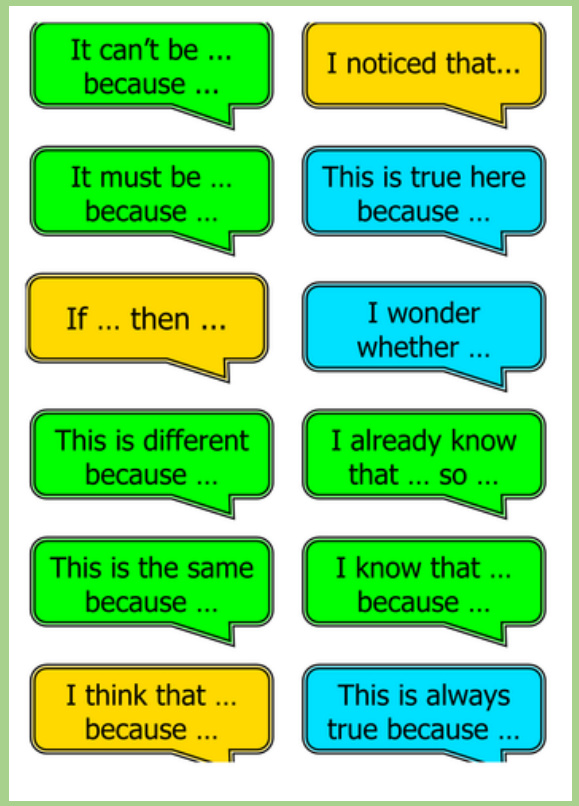
RPS

LO: To identify errors when diving 2 digit by 1 digit numbers using partitioning.

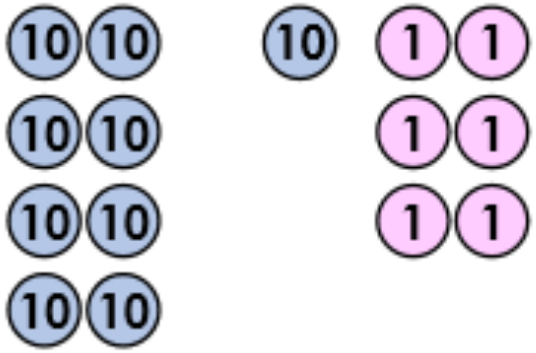
Success Steps:

1. Write out the calculation that needs to be solved.
2. Split the dividend into multiples of the divisor, using tens and ones.
3. Compare how you have split the dividend to how it is split in the question.
4. Divide these multiples by the divisor.
5. Recombine to find the quotient.
6. Compare your quotient to the quotient in the question.
7. Explain if there were any errors, using the sentence stems.

RPS



4a. Thomas has 96 sweets that he shares equally between himself and 3 friends. He thinks they will have 20 sweets each.



Use the partitioning method to work out if Thomas is correct. Explain your answer.

4

96 ÷ 4 =

80 16

Thomas is incorrect because 96 divide by 4 = 24. So they will all get 24 sweets

80 ÷ 4 = 20

16 ÷ 4 = 4

20 + 4 = 24

ACTIVE LISTENING

Think Aloud

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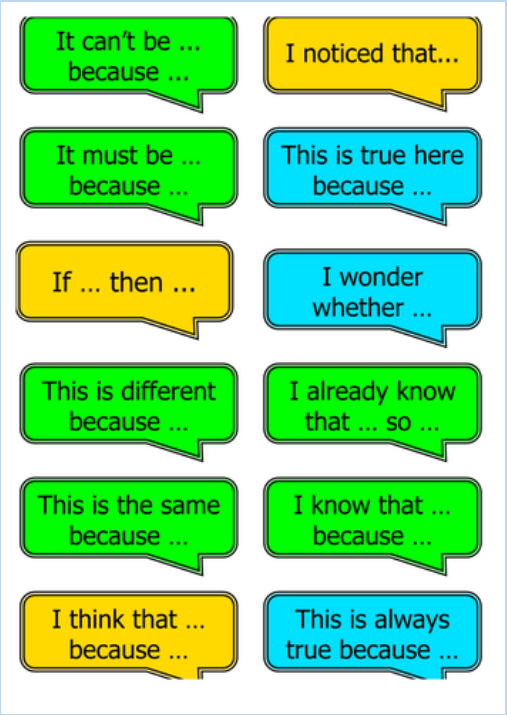
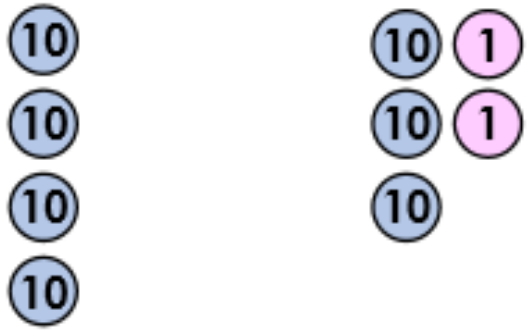
Guided Practice

RPS



4b. A teacher has 72 pencils that they share equally between 8 pupils. The children think they will have 10 pencils each.



Use the partitioning method to work out if the children are correct. Explain your answer.

Success Steps:

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5. Recombine to find the quotient.
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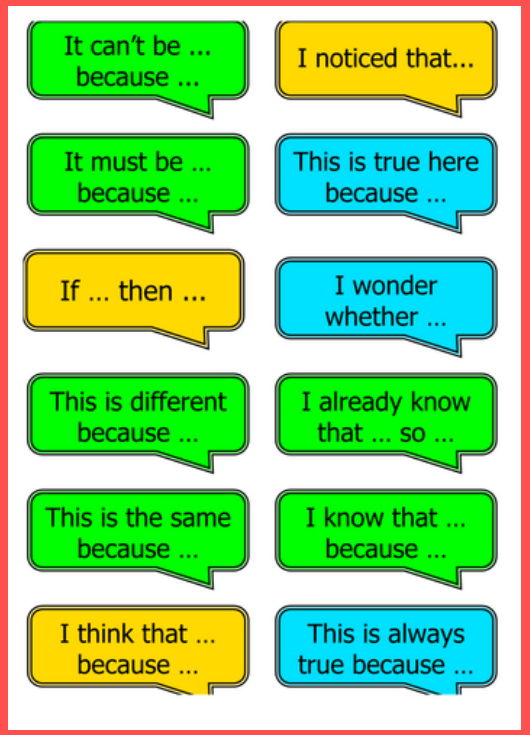
Partner Practice



1a. During art class, 60 pencils are shared equally between 5 children. They think they will get 11 each.

Use the partitioning method to work out if the children are correct. Explain your answer.

7a. At breakfast club, 90 slices of toast were shared equally between 5 plates. The children think there will be 16 slices on each plate.

Explain your answer and, using the partitioning method, draw a pictorial representation to show your calculation.

TEACH AND SUPPORT

EXPLAIN AND ELABORATE

RPS

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3. Compare how you have split the dividend to how it is split in the question.
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6. Compare your quotient to the quotient in the question.
7. Explain if there were any errors, using the sentence stems.

Independent Application

1b. At breaktime, 26 apples are shared between 2 classes. The children think there will be 12 apples for each class.

Use the partitioning method to work out if the children are correct. Explain your answer.

7b. At after school club, 78 cookies were shared equally between 3 bowls. The children think there will be 24 cookies in each bowl.

Explain your answer and, using the partitioning method, draw a pictorial representation to show your calculation.

Challenge

5a. Here are some digit cards.

60	4	20	15	3

Use the partitioning method to complete two number sentences with these cards.

□ ÷ □ = □

□ ÷ □ = □

5b. Here are some digit cards.

8	18	72	9	4

Use the partitioning method to complete two number sentences with these cards.

□ ÷ □ = □

□ ÷ □ = □