

USING THESE SLIDES.

Recall- 5 min activity to recall children's knowledge

Guided practice- work through together, teaching the new skills.

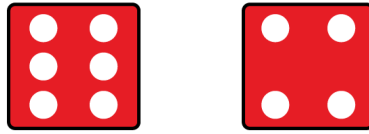
Intelligent practice- 10 minute independent fluency activity.

Dive deeper- These activities should take the longest. Children should think deeper and reason their answers. E.g. This is the answer because...
They may also prove their answer using a drawing, diagram etc.



RECALL

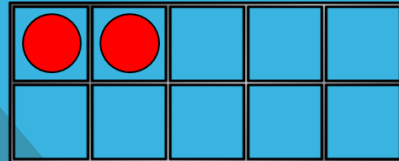
1) How many?



2) $7 + ? = 10$

3) $10 = 1 + ?$

4) How many more do we need to make 10?

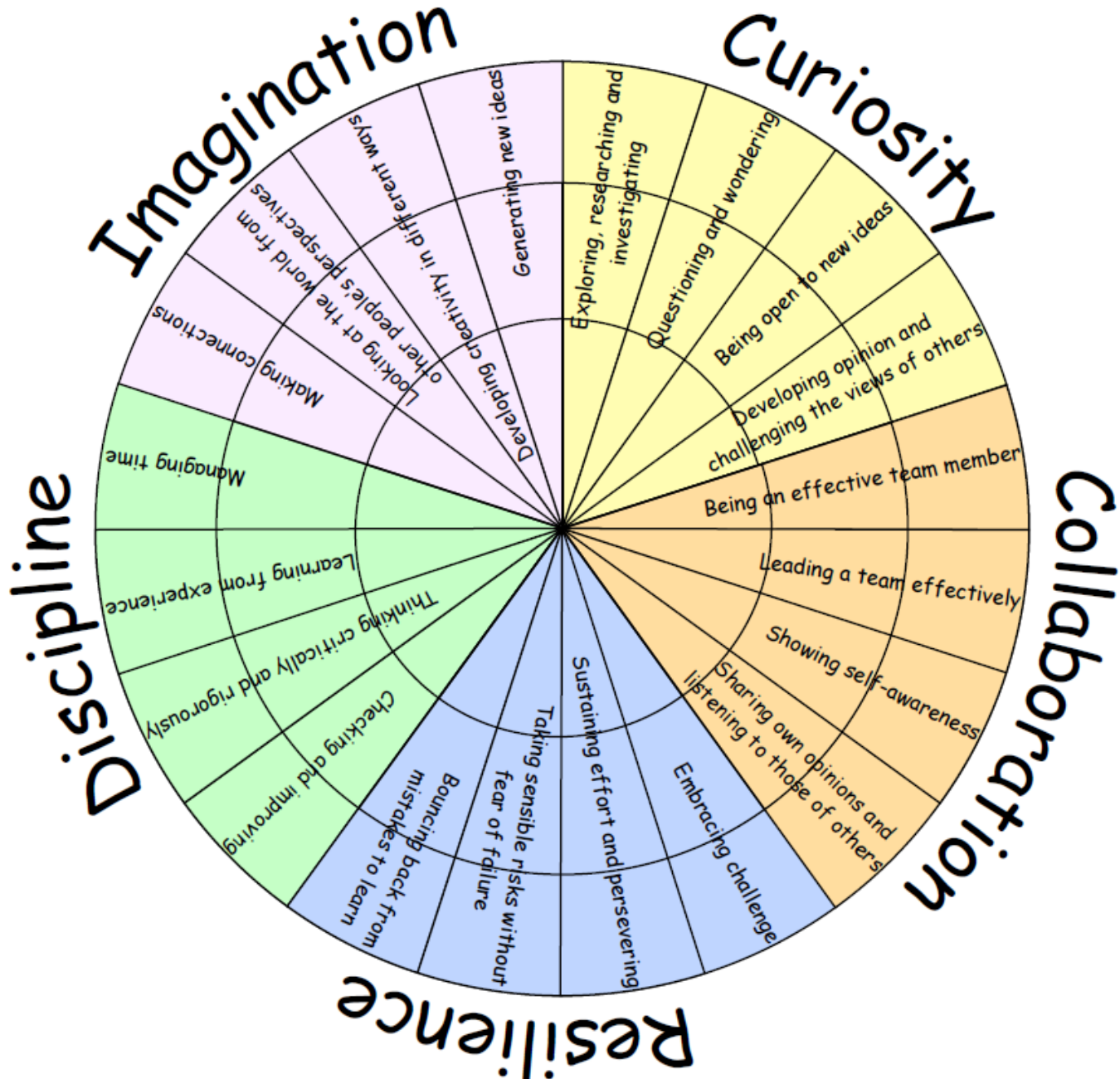


I CAN ADD BY MAKING 10

ADDITION AND SUBTRACTION TO 20



LEARNING HABITS?



Guided Practice: recap

Yesterday we added by making 10.

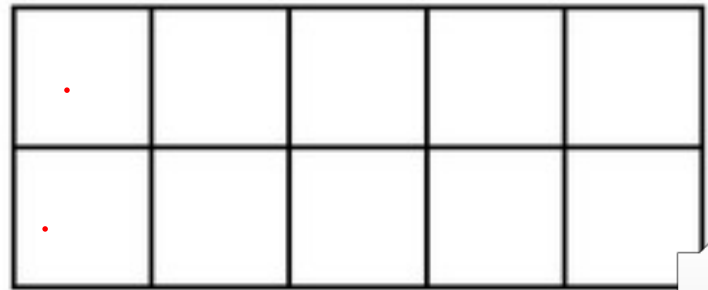
Discover



+



+



$$10 + 2 = 12$$



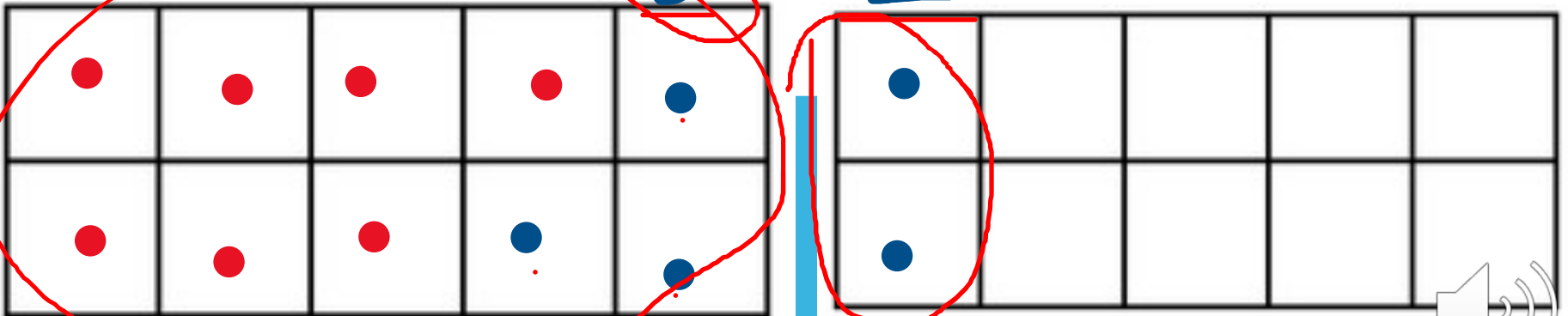
Guided Practice:

Today we're going to use our number bonds to make 10.

We need to partition the second number.

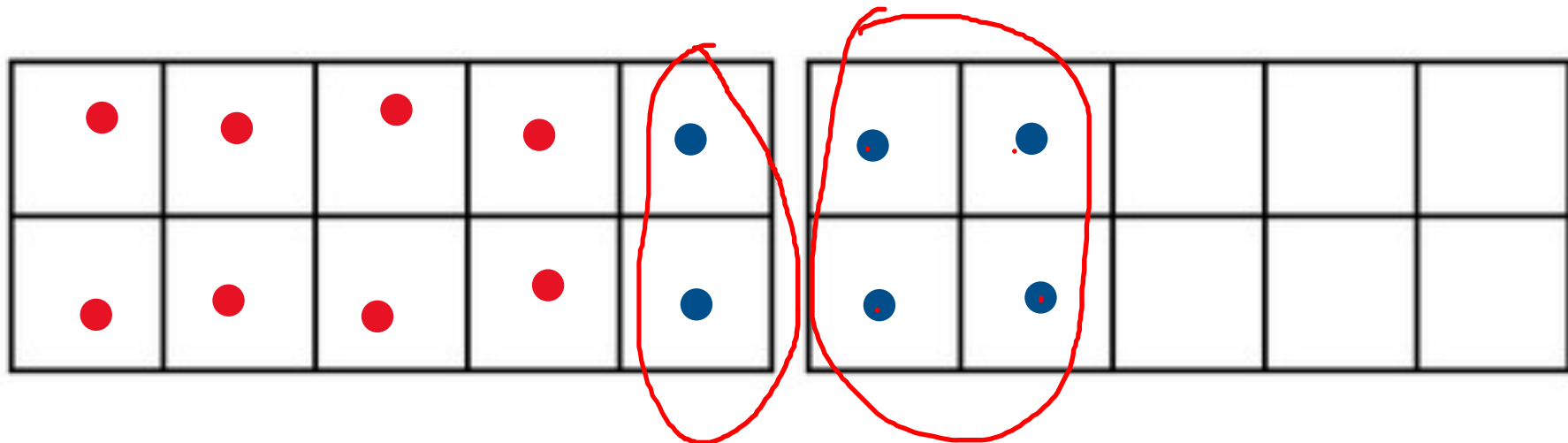
$$7 + 5 = 12$$

Handwritten annotations: A red circle around the number 7, a blue circle around the number 5, and a blue circle around the number 3. A blue line connects the 5 to the 3, and another blue line connects the 5 to the 2. A red plus sign is placed between the 3 and the 2.



Guided Practice:

Partitioning the second number using a ten frame.



$$8 + 6 =$$

Handwritten annotations: A red circle around the number 8, and a red circle around the number 6. A red arrow points from the 2 in the 5th column of the ten frame to the 2 in the equation. A red arrow points from the 4 in the 6th and 7th columns of the ten frame to the 4 in the equation.

$$10 + 4 = 14$$



Guided Practice:

Partitioning the second number using a ten frame. Your turn



$$9 + 4 =$$

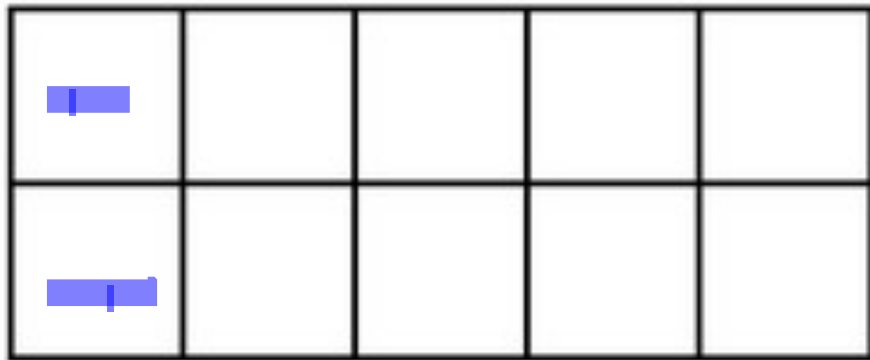
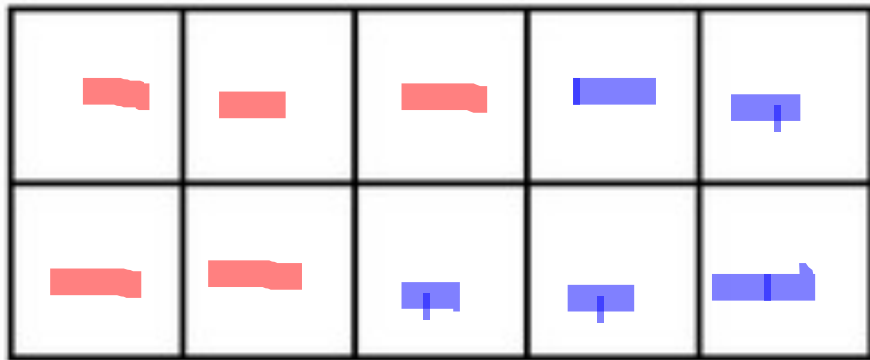
Diagram showing the number 9 in a red oval with a vertical line through it, and the number 4 with a vertical line through it. A red bracket connects the 1 from the 9 and the 3 from the 4, pointing to the number 3 below.

$$10 + 3 = 13$$



Guided Practice:

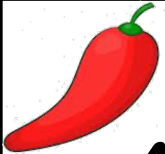
Partitioning the second number using a ten frame. Your turn



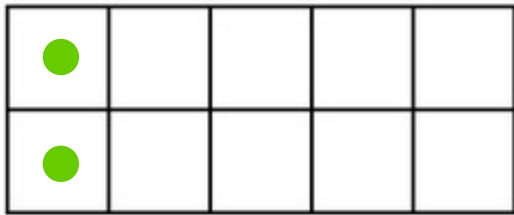
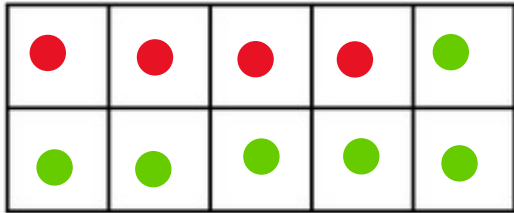
$$\begin{array}{c} 5 + 7 = \\ \swarrow \quad \searrow \\ 5 \quad 2 \\ 10 + 2 = 12 \end{array}$$



INTELLIGENT PRACTICE

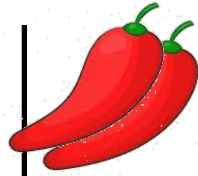


$$4 + 8 =$$

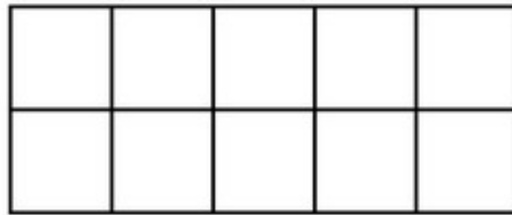
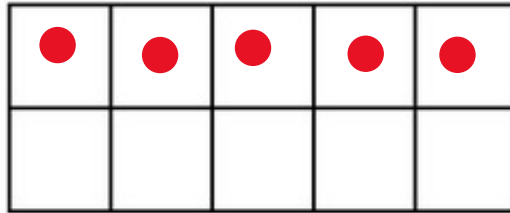


This is the same as

$$10 + \underline{\quad} = \underline{\quad}$$

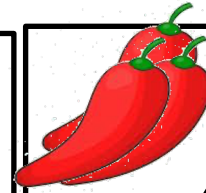


$$5 + 8 =$$

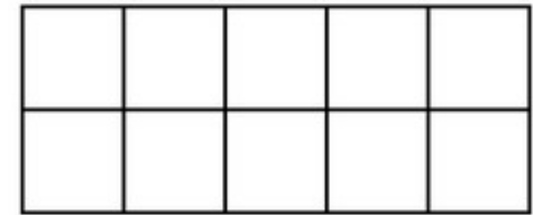
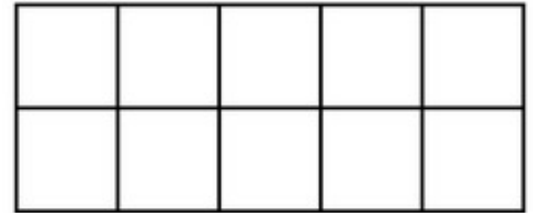


This is the same as

$$10 + \underline{\quad} = \underline{\quad}$$



$$6 + 8 =$$



This is the same as

$$10 + \underline{\quad} = \underline{\quad}$$



DIVE DEEPER 1:

Complete the additions.

Use ten frames to help you.

a) $8 + 3 = 10 + \square$

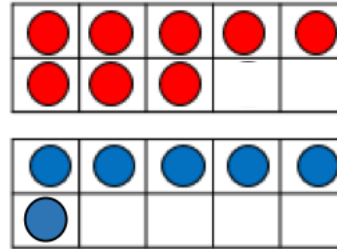
b) $9 + 7 = 10 + \square$

c) $7 + 5 = 10 + \square$

d) $6 + 8 = 10 + \square$



Dexter uses ten frames to calculate eight plus six.



He says,



$$8 + 6 = 16$$

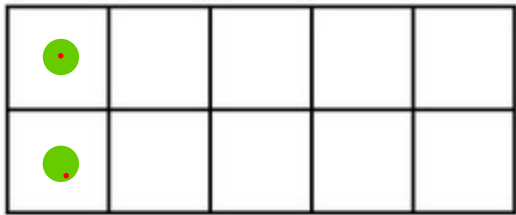
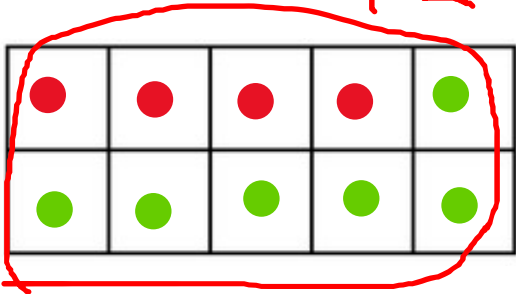
Do you agree?
Explain why.



INTELLIGENT PRACTICE

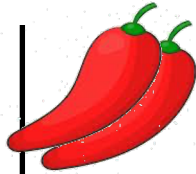


$$4 + 8 = 12$$

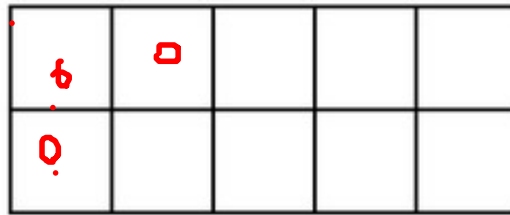
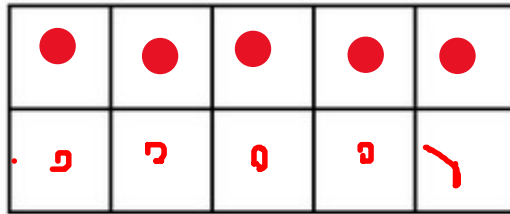


This is the same as

$$10 + \underline{2} = \underline{12}$$

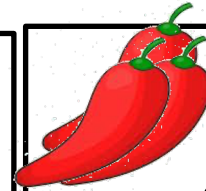


$$5 + 8 = 13$$

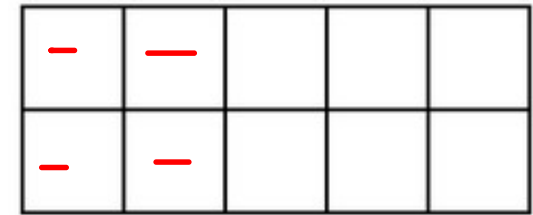
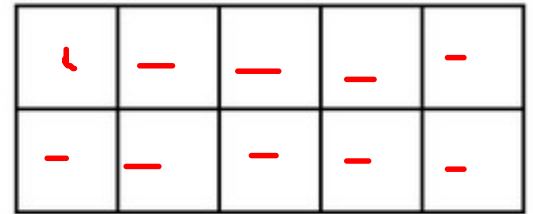


This is the same as

$$10 + \underline{3} = \underline{13}$$



$$\underline{6} + \underline{8} =$$



This is the same as

$$10 + \underline{4} = \underline{14}$$



DIVE DEEPER 1:

Complete the additions.

Use ten frames to help you.

a) $8 + 3 = 10 +$

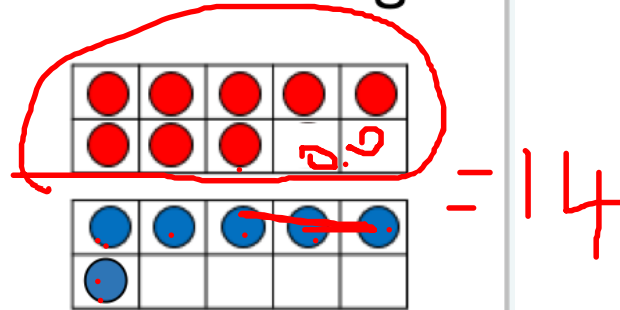
b) $9 + 7 = 10 +$

c) $7 + 5 = 10 +$

d) $6 + 8 = 10 +$



Dexter uses ten frames to calculate eight plus six.



He says,



$$8 + 6 = 16$$

Do you agree?
Explain why.



SELF-ASSESSMENT

L.O. To add by making 10 12.01.2021

Some will even: Add by partitioning numbers

Some will: add by making 10

Most will: Use ten frames to add

All will: know number bonds to 10

