Add and subtract decimals across 1

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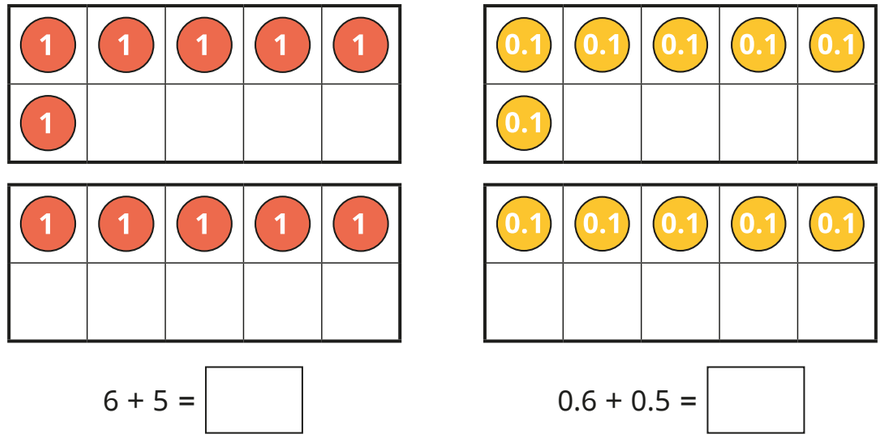
1 Use the ten frames to work out the additions.

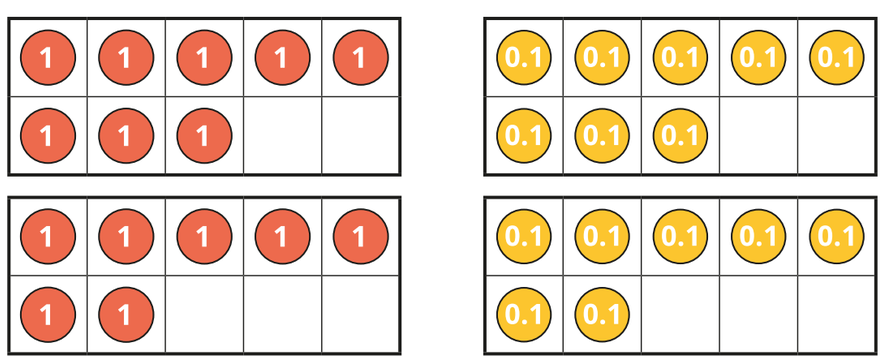
a)



6 + 5 = ☐

0.6 + 0.5 = ☐

b)



8 + 7 = ☐

0.8 + 0.7 = ☐

What do you notice?

2 Work out the additions.

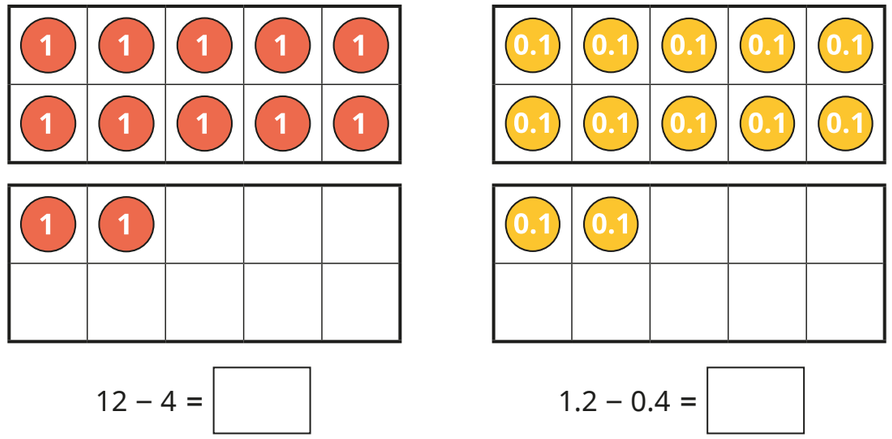
a) 0.4 + 0.9 = ☐

b) 0.6 + 0.8 = ☐

c) 0.7 + 0.5 = ☐

d) 0.3 + 0.8 + 0.4 = ☐

3 Use the ten frames to work out the subtractions.

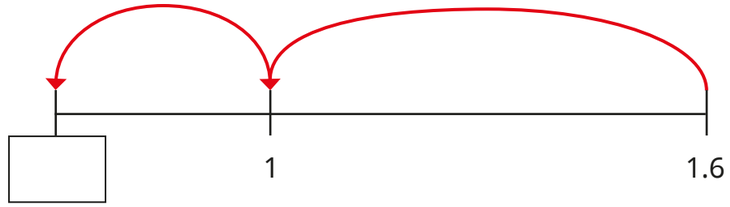


12 − 4 = ☐

1.2 − 0.4 = ☐

What do you notice?

4 Complete the number line and workings to work out 1.6 − 0.9



1.6 − ☐ = 1

1 − ☐ = ☐

1.6 − 0.9 = ☐

5 Work out the subtractions.

a) 1.3 − 0.5 = ☐

b) 1.1 − 0.7 = ☐

c) 1.4 − 0.9 = ☐

d) 1.5 − 0.8 = ☐

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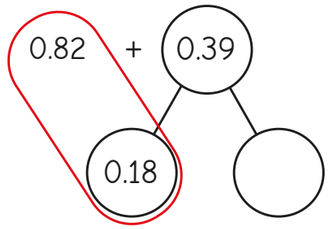
6 Dexter is using complements to 1 to work out 0.82 + 0.39

a) Complete Dexter's workings.



0.82 + 0.18 = 1

1 + ☐ = ☐

b) Use Dexter's method to work out the additions.

0.73 + 0.55 = ☐

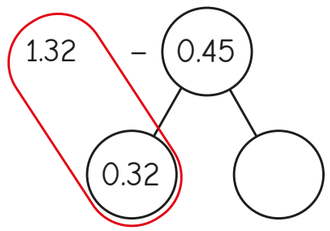
0.62 + 0.47 = ☐

0.23 + 0.94 = ☐

0.97 + 0.66 = ☐

7 Dora is using partitioning to work out 1.32 – 0.45

a) Complete Dora's workings.



1.32 – 0.32 = 1

1 – ☐ = ☐

b) Use Dora's method to work out the subtractions.

1.23 – 0.35 = ☐

1.62 – 0.67 = ☐

1.41 – 0.94 = ☐

1.37 – 0.87 = ☐

8

If you subtract a number with 2 decimal places from a number with 2 decimal places, the answer will always have 2 decimal places.

Is the statement true or false? _____

Explain your answer.

9

3	4	5	6

Using each digit card only once, complete the subtraction.

1	.	☐	☐	–	0	.	☐	☐

How many solutions can you find that are less than 1?

10 Max has £0.86

He is given another 53p.

Sam has £0.42

How much more money does Max have than Sam?

£ ☐

Compare methods with a partner.

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