



THIRD SPACE
LEARNING

Ready-to-go Lesson Slides

Year 2

Measurement - Money

Lesson 10

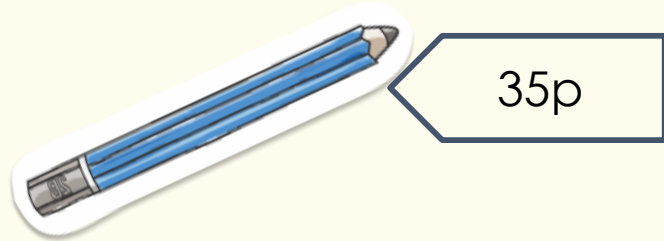
To use addition and subtraction skills to solve 2-step problems

Autumn

To use addition and subtraction skills to solve 2-step problems

Hinge Question:

Janice buys two pencils with a pound coin. **What could her change be?**



A



C



B



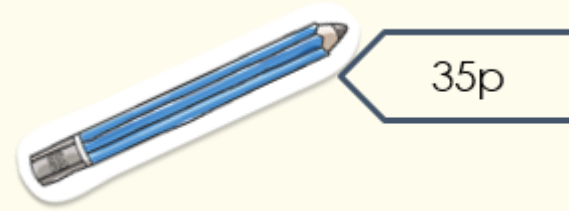
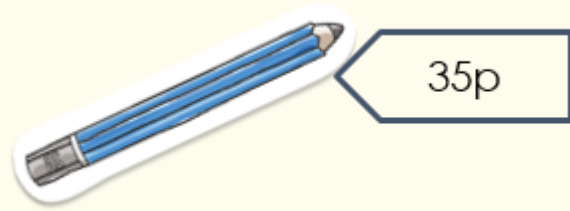
D



To use addition and subtraction skills to solve 2-step problems

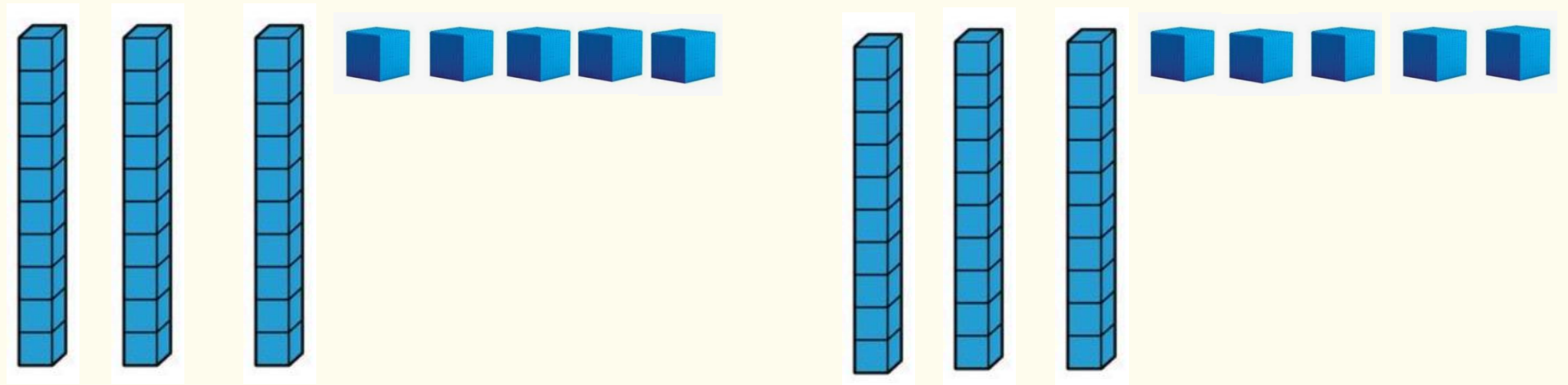


Step 1



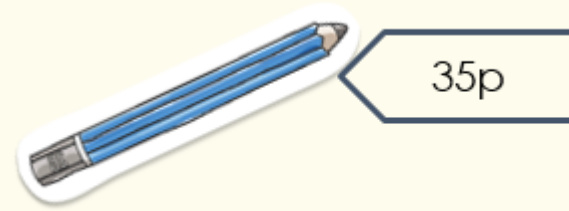
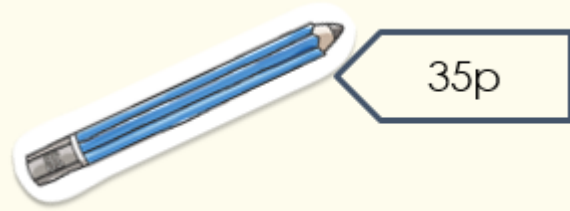
Janice has bought two pencils that cost 35p each.

To solve this we need to add $35 + 35$. Let's show our working out by using Base 10.



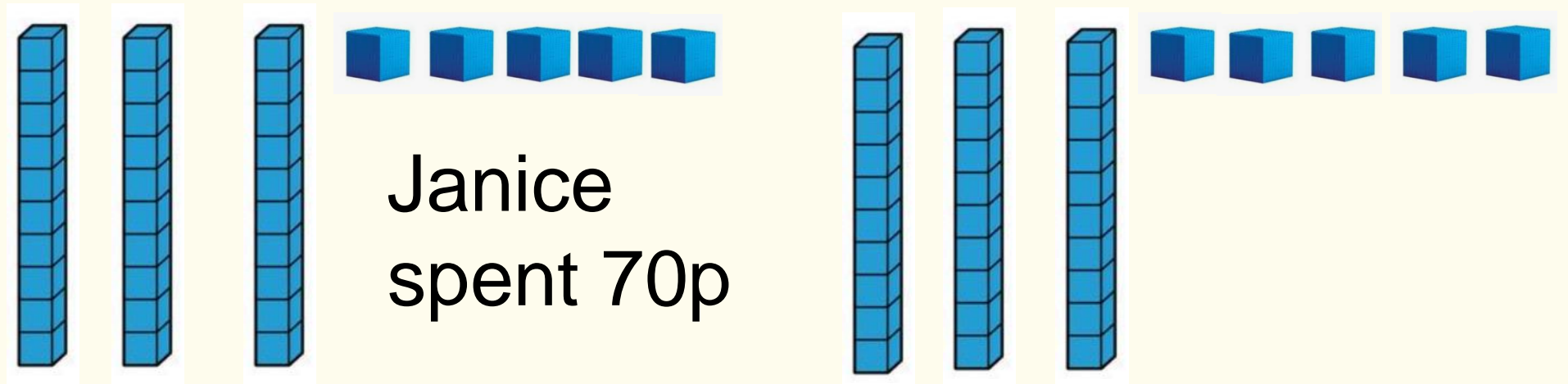
To use addition and subtraction skills to solve 2-step problems

Step 1



Janice has bought two pencils that cost 35p each.

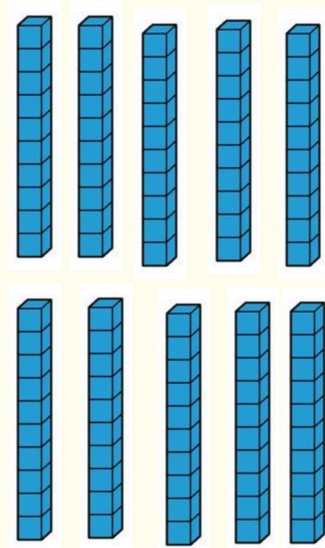
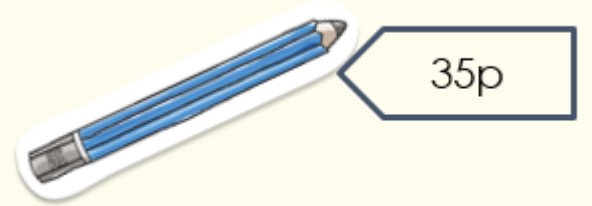
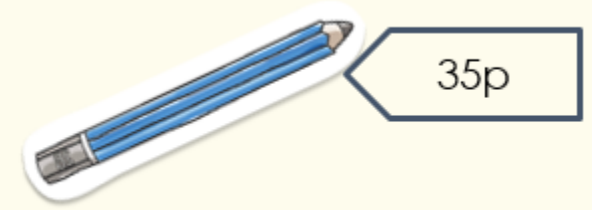
To solve this we need to add $35 + 35$. Let's show our working out by using Base 10.



To use addition and subtraction skills to solve 2-step problems

Step 2

Janice spent 70p and paid with 100p (£1) so now we work out how much change by using subtraction.

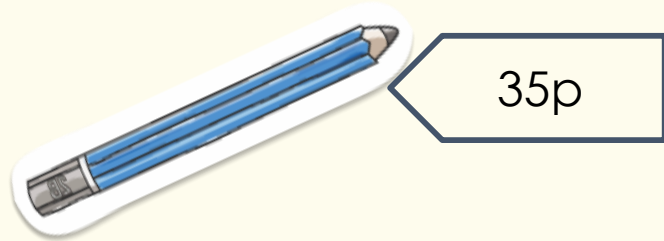


$$100p - 70p = 30p$$

To use addition and subtraction skills to solve 2-step problems

Hinge Question:

Janice buys two pencils with a pound coin. **What could her change be?**



A



C



B



D

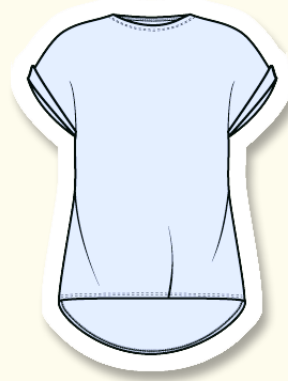


To use addition and subtraction skills to solve 2-step problems

Guided Practice:



Gloves
£13



T-shirt
£22

Mark buys one of each and pays with a £50 note.

How much change will he receive?

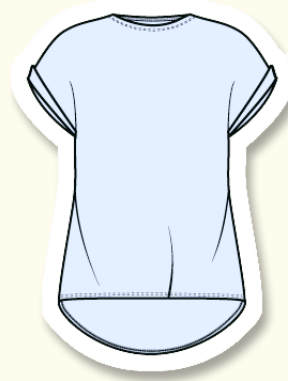
Answers

To use addition and subtraction skills to solve 2-step problems

Guided Practice:



Gloves
£13

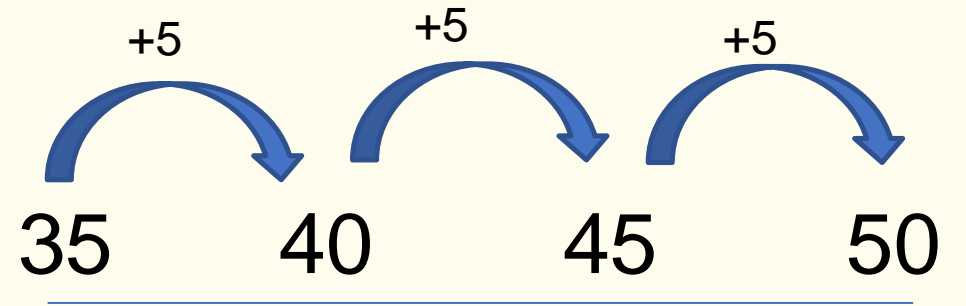


T-shirt
£22

Mark buys one of each and pays with a £50 note.

Step 1: $£22 + £13 = £35$

Step 2: $£50 - £35 = \text{change}$

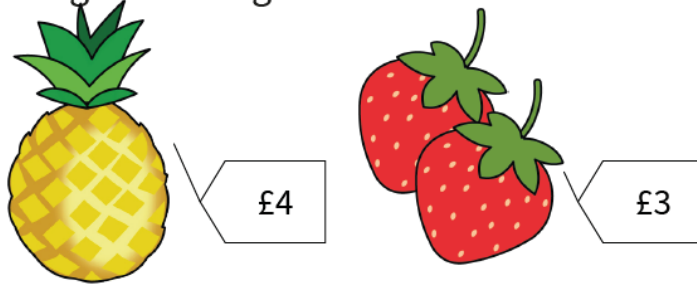


Answers

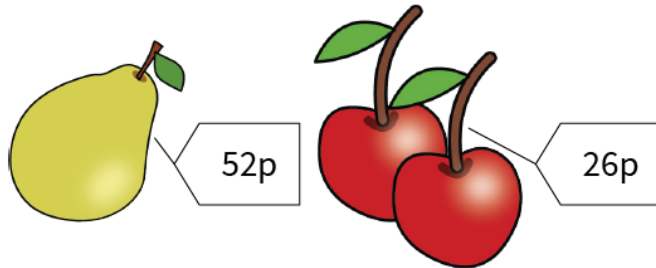
To use addition and subtraction skills to solve 2-step problems

Independent Practice:

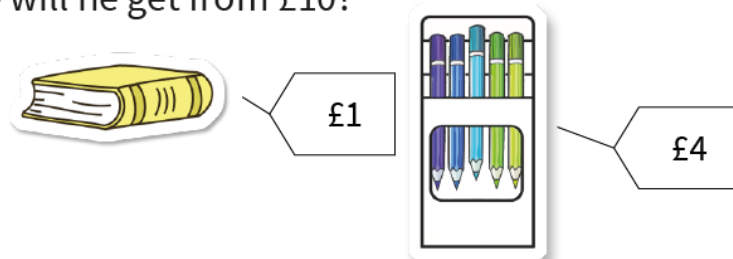
1. a. Beth buys a pineapple for £4 and some strawberries for £3. How much do they cost in total? How much change will she get from £10?



- b. Joseph buys a pear for 52p and some cherries for 26p. How much do they cost in total? How much change will he get from 90p?



- c. Bobby buys two books for £1 each and some pencils for £4. How much change will he get from £10?



To use addition and subtraction skills to solve 2-step problems

Independent Practice:

- Dora has these coins.



She spends 53 p.

What money will she have left? What coins could it be?

- Write the calculation and find the amount of change.



32 p



_____ - _____ = _____

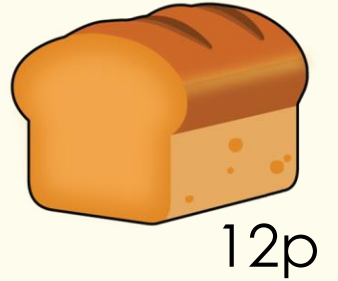
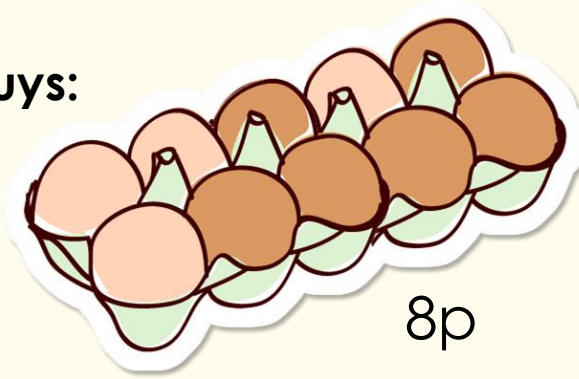
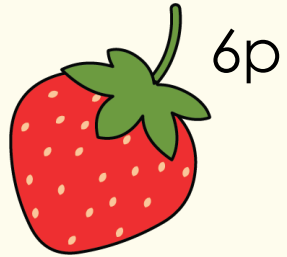
- Ron spends 65 p in the shop.
He pays with a £1 coin.

How much change will he receive?

To use addition and subtraction skills to solve 1-step problems

Here are some items in a shop.

How much will Alex spend if he buys:



- ❖ A strawberry and some grapes?
- ❖ A tin of soup and some eggs
- ❖ A loaf of bread and some grapes?
- ❖ A pineapple and a strawberry?

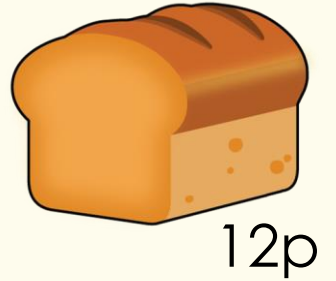
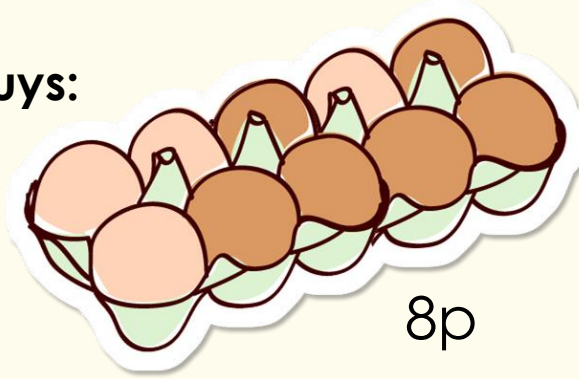
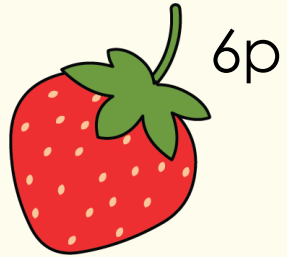
Alex has 10p and buys a pineapple. How much will he have left?

Answers

To use addition and subtraction skills to solve 1-step problems

Here are some items in a shop.

How much will Alex spend if he buys:



- ❖ A strawberry and some grapes? $6p + 5p = 11p$
- ❖ A tin of soup and some eggs $10p + 8p = 18p$
- ❖ A loaf of bread and some grapes? $12p + 5p = 17p$
- ❖ A pineapple and a strawberry? $9p + 6p = 15p$

Alex has 10p and buys a pineapple. How much will he have left? $10p - 9p = 1p$

Alex will have a penny left.

Answers