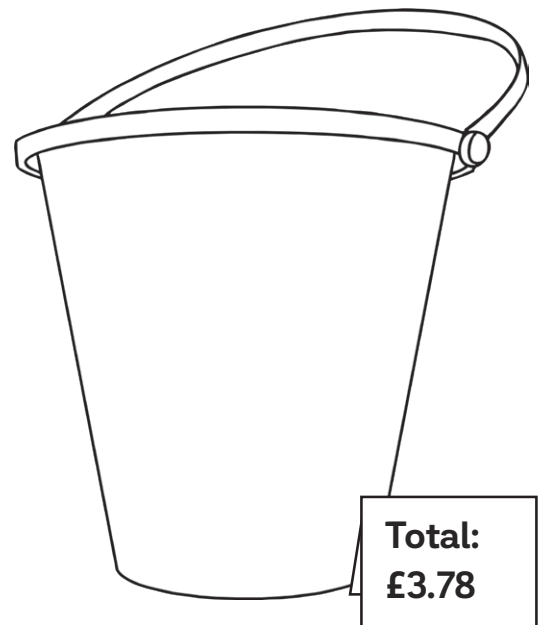
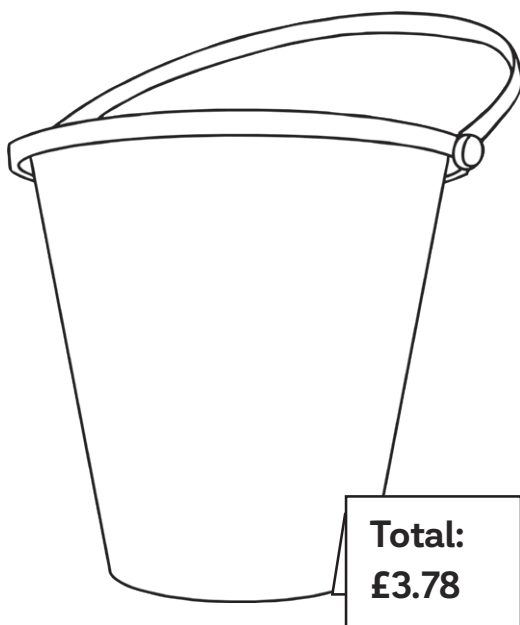
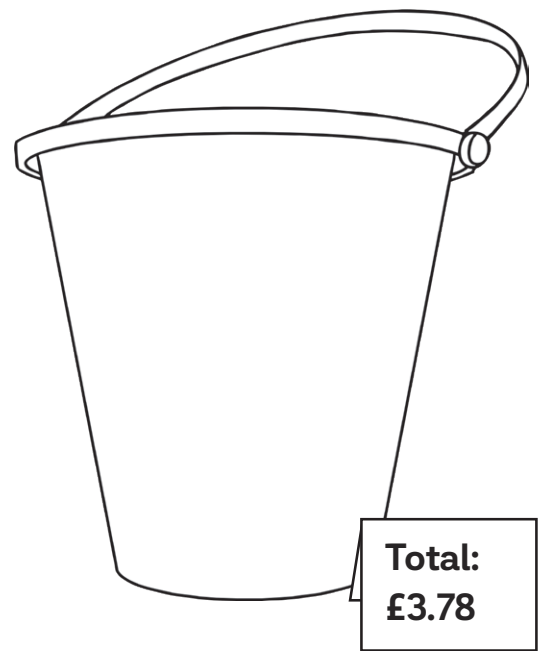
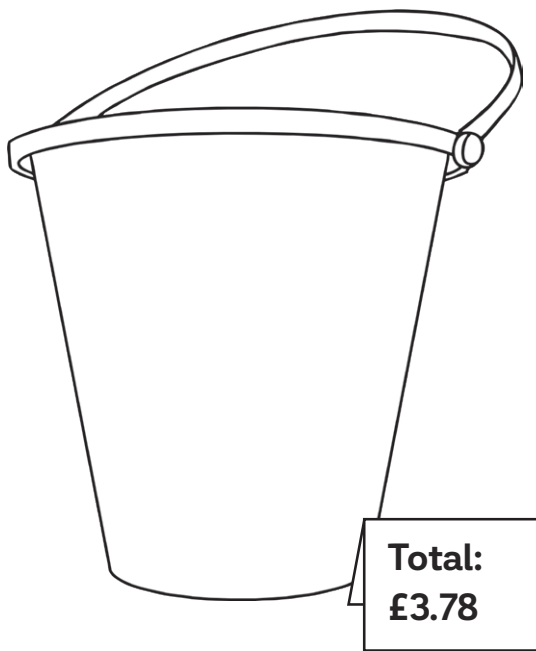


Coin Challenge

Pudsey Bear's Sponsored Walk

During a school's sponsored walk, Pudsey Bear collects coins in his collection bucket. When he counts the coins, he has raised **three pounds and seventy-eight pence**. Find four different ways to show this total by drawing coins, or cutting and sticking coins, onto the buckets.



Extra Challenge

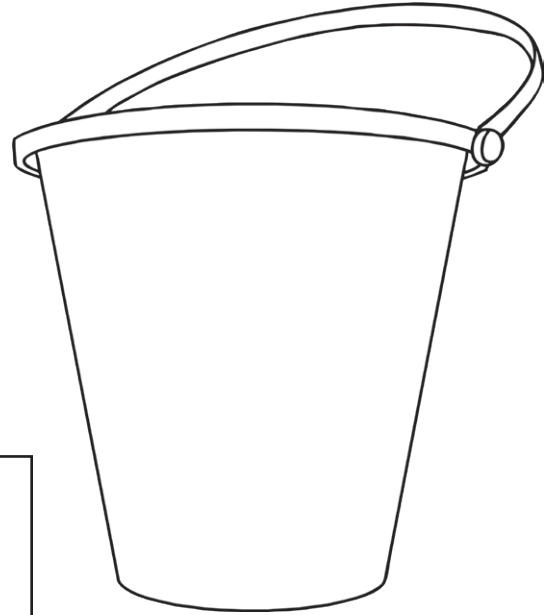
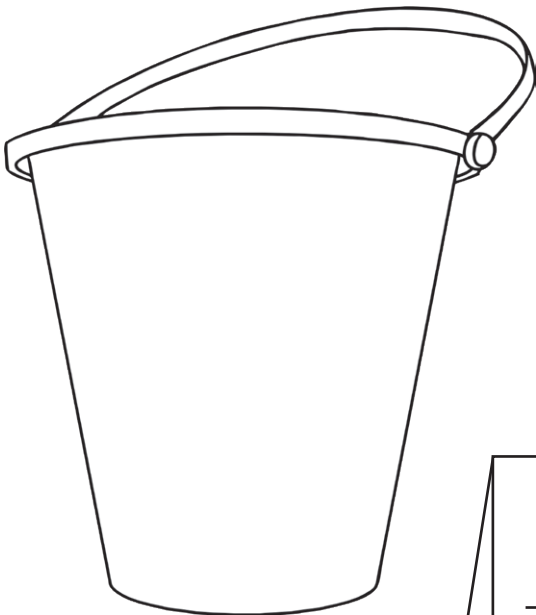
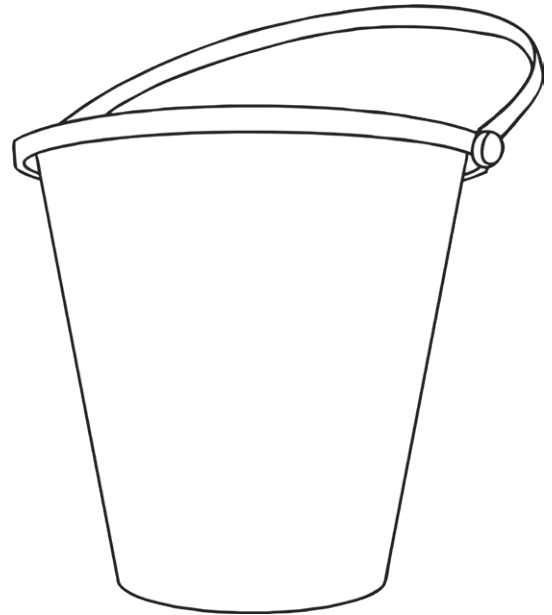
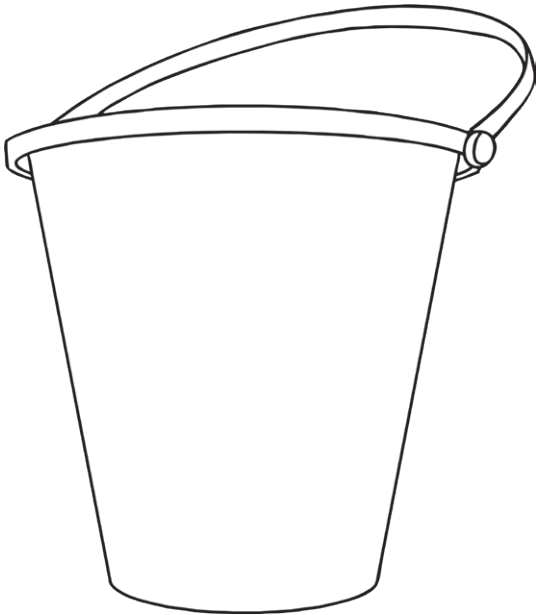
What is the fewest number of coins needed to make the total?

Pudsey Bear's Sponsored Walk Coin Challenge

Create your own sponsored walk coin challenge for a friend to solve.

During a school's sponsored walk, Pudsey Bear collects coins in his collection bucket. When he counts the coins, he has raised _____.

Find four different ways to show this total by drawing coins, or cutting and sticking coins, onto the buckets.



Extra Challenge

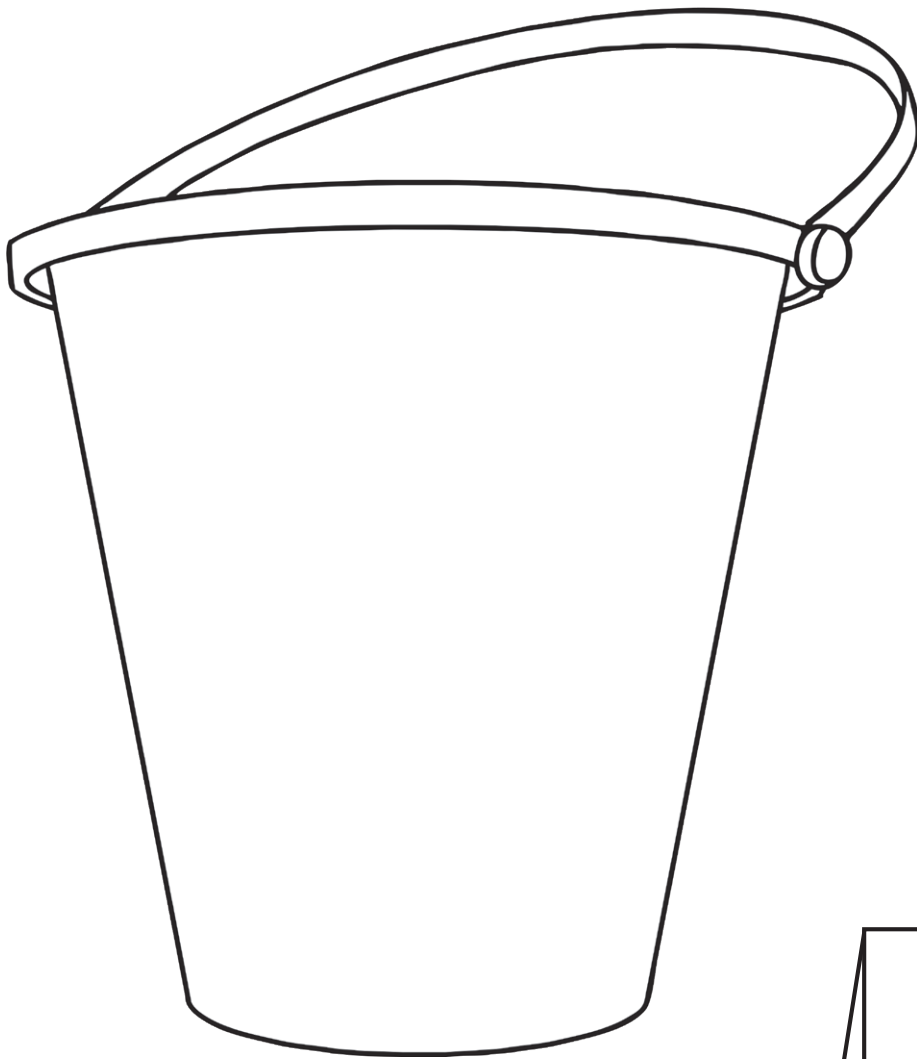
What is the fewest number of coins needed to make the total?

Coin Challenge

Pudsey Bear's Dance-a-thon

During a school's sponsored dance-a-thon, Pudsey Bear collects coins in his collection bucket. At the end of the dance-a-thon, he has collected **10 coins** which total **four pounds and thirty-five pence**.

Find a combination of ten coins that make this total.



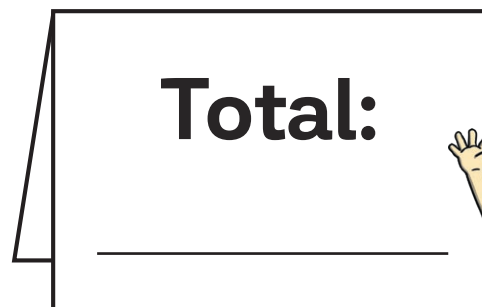
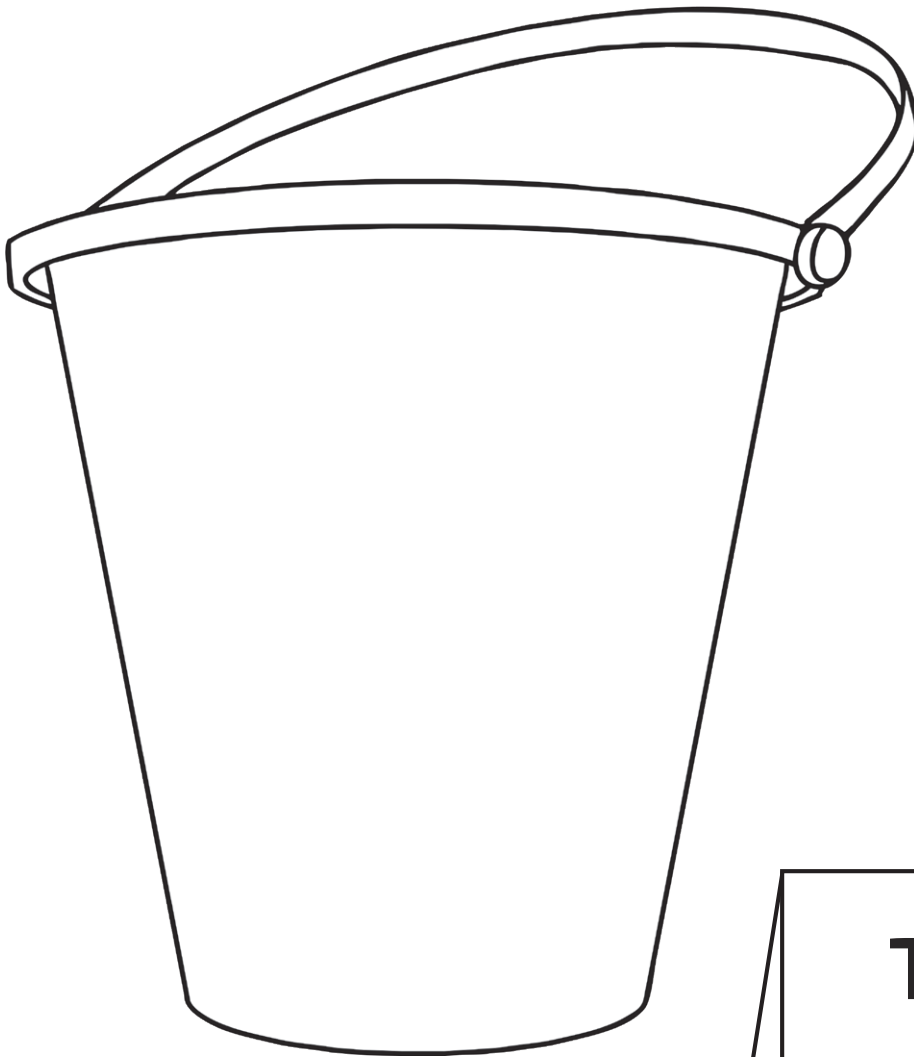
Total:
£4.35

Pudsey Bear's Dance-A-Thon Coin Challenge

Create your own dance-a-thon coin challenge for a friend to solve.

During a school's sponsored dance-a-thon, Pudsey Bear collects coins in his collection bucket. At the end of the dance-a-thon, he has collected _____ coins which total _____.

Find a combination of _____ coins that make this total.







Coin Challenge

Pudsey Bear's Book Sale

Pudsey Bear has joined in with a school's book sale to help raise money for BBC Children in Need. There are **three silver coins** in his money tin.

Find all the possible coin combinations and totals that could be in Pudsey Bear's money tin. How will you know you have found all the possible combinations? You could use coins to help you.

				Total
3	0	0	0	15p
2	1	0	0	20p
2	0	1	0	30p

Coin Challenge - Answers

Pudsey Bear's Sponsored Walk Coin Challenge

Accept any combination of coins which makes the correct total.

Extra Challenge

What is the fewest amount of coins needed to make the total?

7 coins (£2, £1, 50p, 20p, 5p, 2p and 1p)

Pudsey Bear's Dance-a-thon Coin Challenge





Accept any combination of ten coins which makes the total £4.35.

For example, 4 × £1 coins, 3 × 10p coins, 2 × 2p coins and 1 × 1p coin.



Pudsey Bear's Book Sale Coin Challenge

Accept any reference to a systematic approach.

				Total
3	0	0	0	15p
2	1	0	0	20p
2	0	1	0	30p
2	0	0	1	60p
1	2	0	0	25p
1	1	1	0	35p
1	1	0	1	65p
1	0	2	0	45p
1	0	1	1	75p
1	0	0	2	£1.05
0	3	0	0	30p
0	2	1	0	40p
0	2	0	1	70p
0	1	2	0	50p
0	1	1	1	80p
0	1	0	2	£1.10
0	0	0	3	£1.50
0	0	1	2	£1.20
0	0	3	0	60p