

The Mystery of the Sandcastle Stamper Game

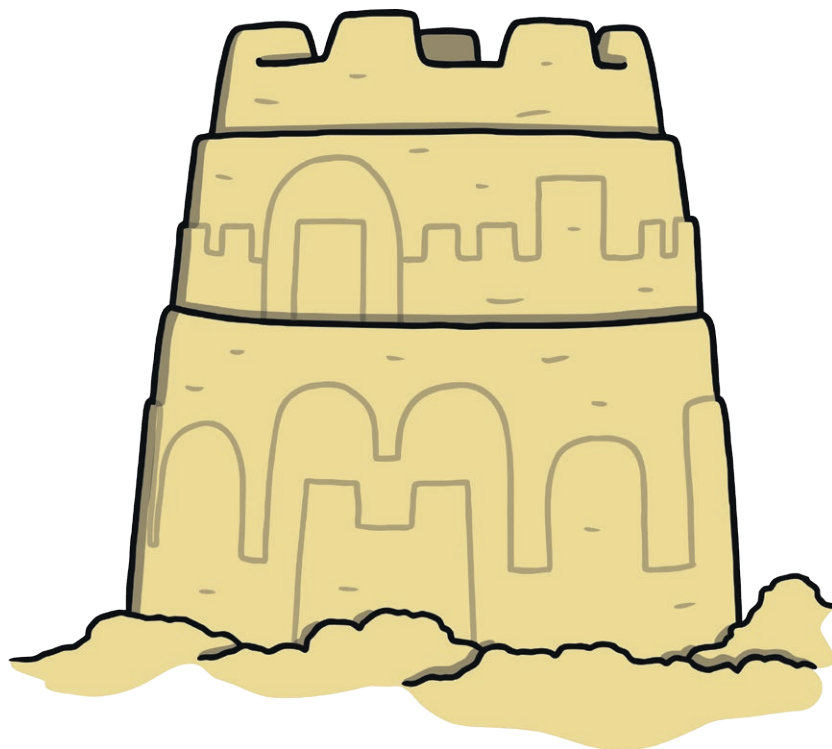
The beach at Oyster Bay has an annual sandcastle competition every summer. Everyone gets very creative, and whole families spend hours on the beach building their sandcastle works of art.

The competition will be judged by the Mayor of Oyster Bay, and first prize is a fish supper from Our Plaice Fish Bar every week for a year!

However, by lunchtime on the day of the competition, disaster has struck. Someone has stamped on all of the sandcastles, and destroyed the beautiful structures before they could be judged!

There had been a children's party on the beach front, that morning. Here are the details of the children who were there.

Your task is to solve the clues and work out who the Sandcastle Stamper is!

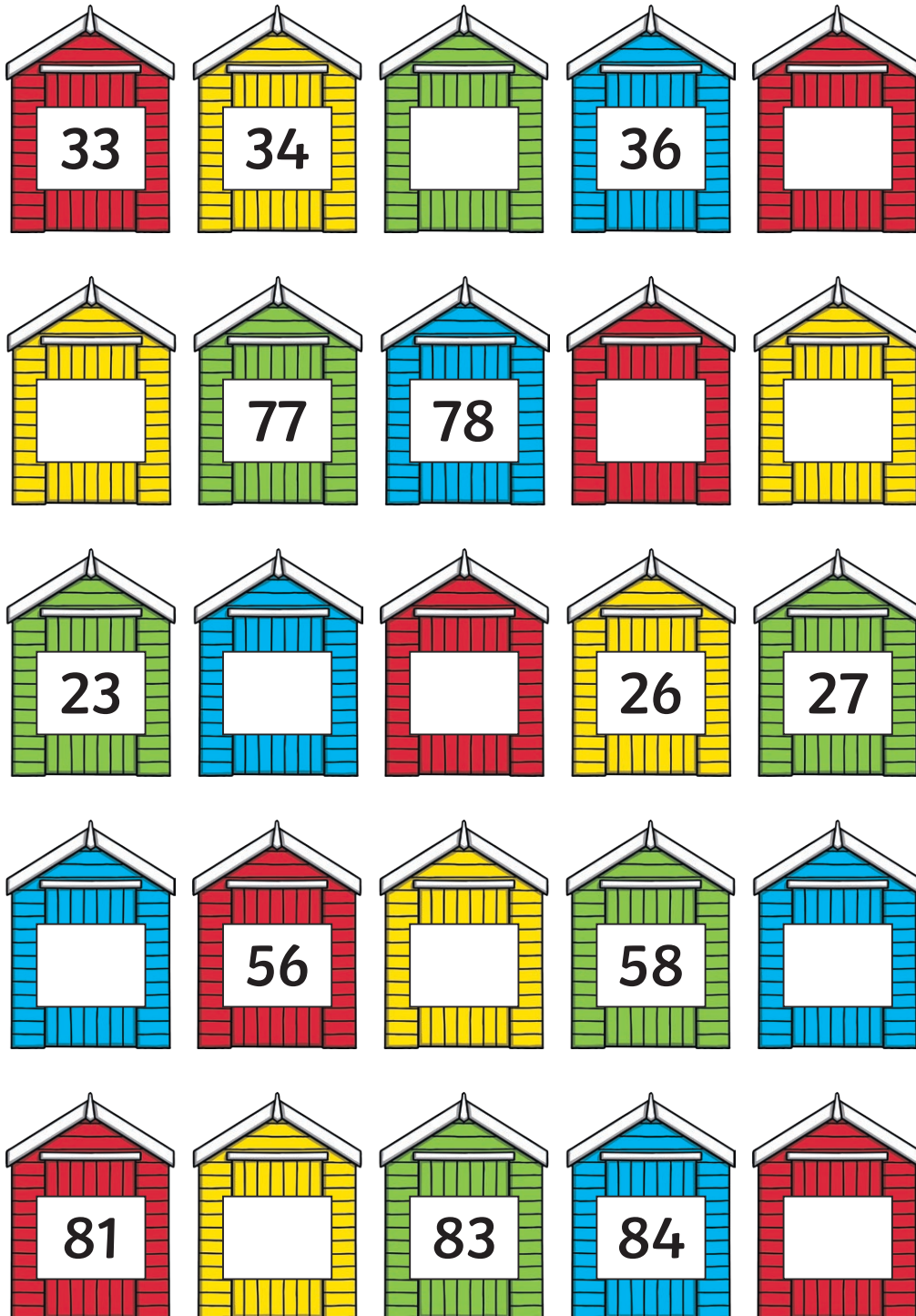


Information

Name	Male or Female	Age	Sunglasses	Shoe Size	Liked Strawberry Ice Cream
Francine	F	9	yes	3	no
Davey	M	7	yes	2	no
Tamasz	M	7	yes	1	yes
Mairéad	F	8	no	3	yes
Ellie-May	F	7	no	2	yes
Seb	M	8	no	2	no
Lenny	M	7	yes	4	yes
Joanna	F	8	no	2	no
Karim	M	7	yes	2	no
Stephen	M	6	no	1	yes
Freya	F	8	yes	2	yes
Sean	M	7	yes	2	yes
Ben	M	9	yes	2	yes
Nancy	F	8	no	1	no
Euan	M	7	no	3	no

Clue 1: Missing Numbers on the Beach Huts

Fill in the missing numbers on the beach huts. If you fill in more odd numbers than even numbers, the sandcastle stamper is male.



Clue 1: The sandcastle stamper is male or female.

Put a circle around the correct answer.

Clue 2: How Many Buckets?

Work out the number statements, then colour in the correct answers in the box below. Rearrange the words to make a sentence to solve the next clue.



$$+ 10 = \square$$



$$+ 6 = \square$$



$$+ 7 = \square$$



$$+ 18 = \square$$



$$+ 9 = \square$$



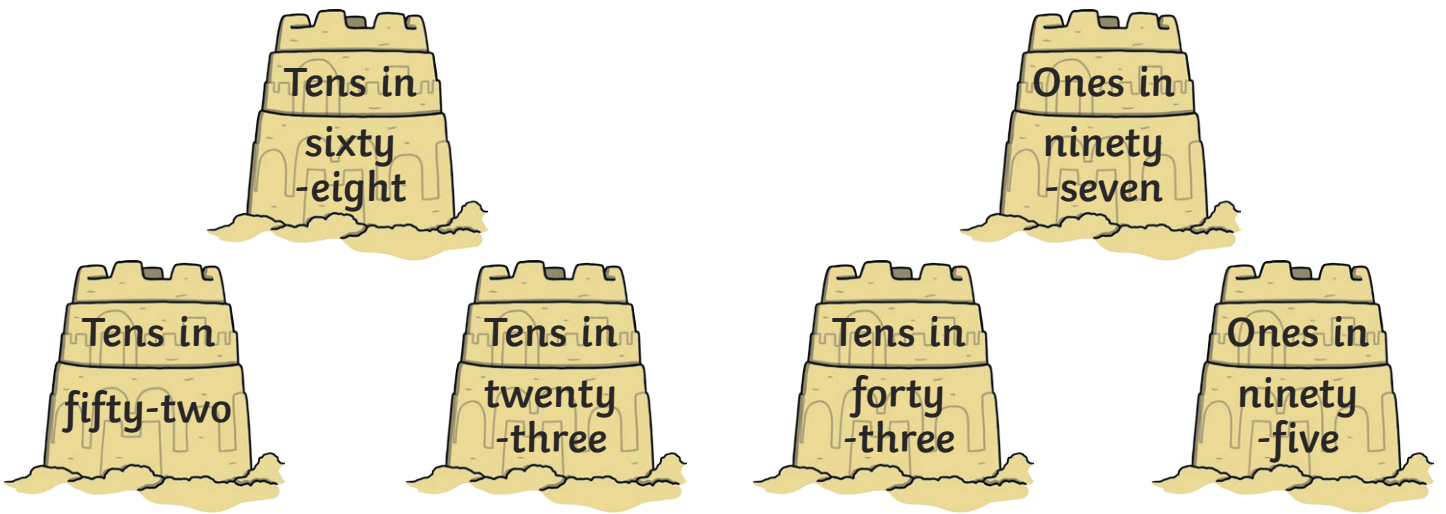
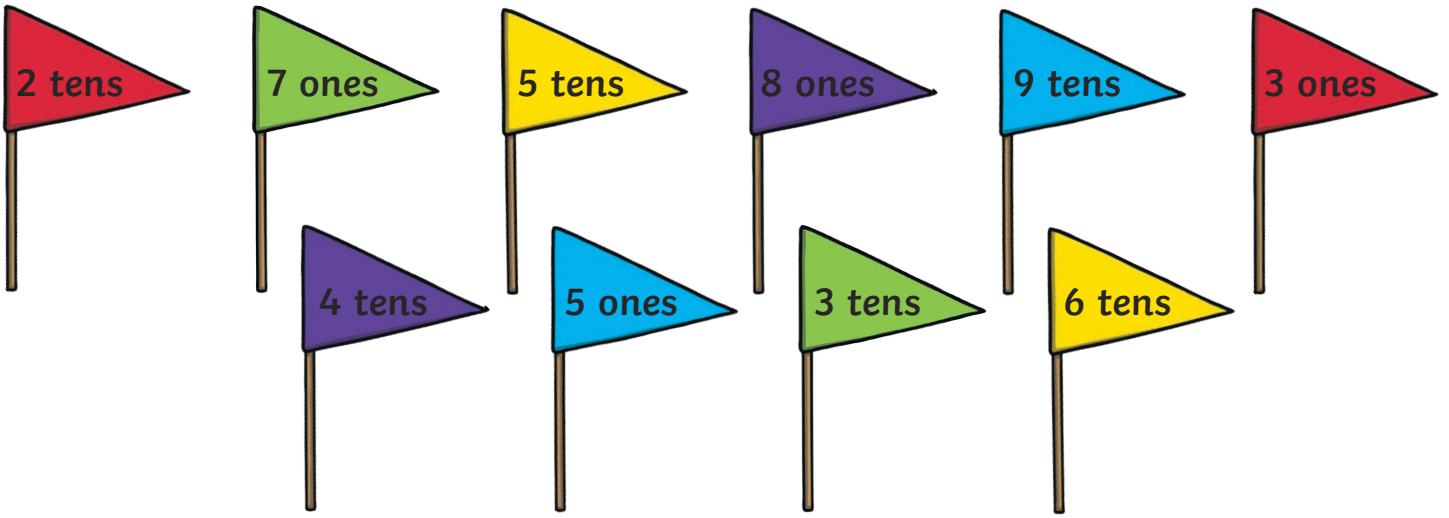
$$+ 17 = \square$$

18	15	13	11	19	16
found	nine	jumper	seven	eight	was
17	14	12	8	20	6
girl	aged	sun	flags	an	more

Clue 2: _____

Clue 3: Matching the Sandcastles and the Flags

How many tens or ones in these numbers? Draw a line to match the correct sandcastles and flags.



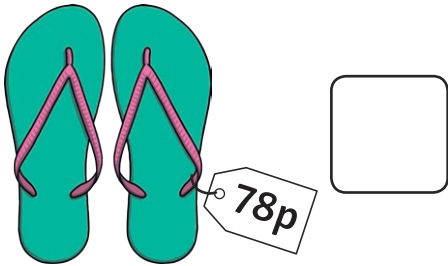
4 tens	1 one	6 tens	6 ones
sunglasses	not	were	ice cream

8 tens	3 tens	9 ones	5 ones
there	broken	smashed	found

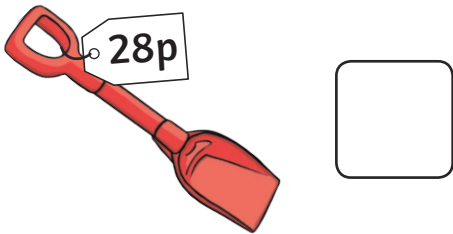
Clue 3: _____

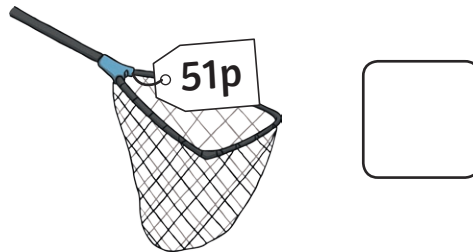
Clue 4: At the Beach Shop

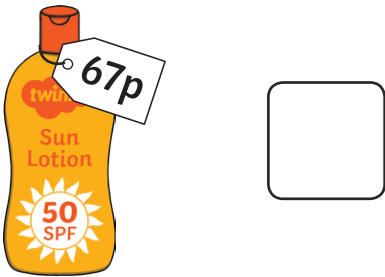
Work out the change from £1 when you buy these items from the beach shop, to work out this clue. Put the answer in the empty boxes at the end. Colour the answers in the table and solve clue number four.

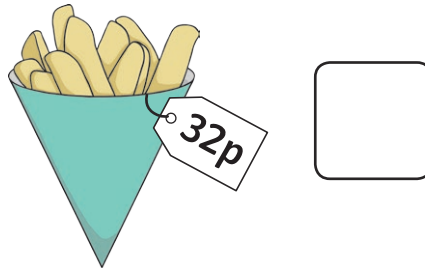


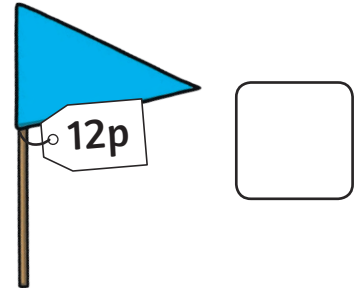












72p	60p	22p	32p	88p	66p
was	didn't	sand	like	strawberry	lolly
55p	81p	68p	18p	49p	33p
ice cream	wrapper	found	naughty	on	the

Clue 4: _____

Clue 5: Shoe Size

A shoe print was discovered on one of the sandcastles. Solve the next clue to work out what size shoe the sandcastle stamper was wearing. Work out the answers to these number statements.



$$8 + 6 = \square$$



$$\square - 11 = 9$$



$$5 \times 2 = \square$$



$$3 + \square = 15$$



$$\text{Double } 9 = \square$$



$$16 - \square = 10$$



Look at all the answers you have filled in. What times table are they all multiples of? _____

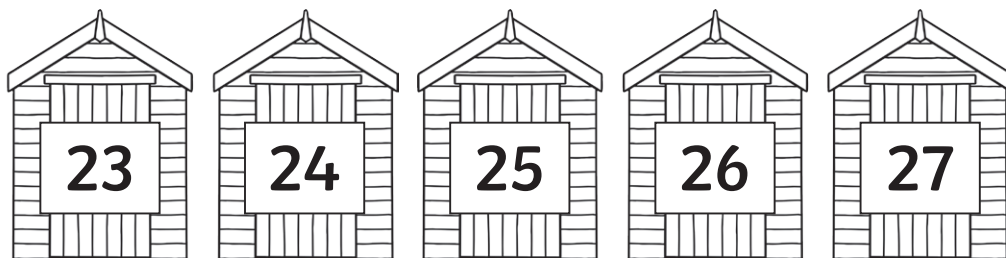
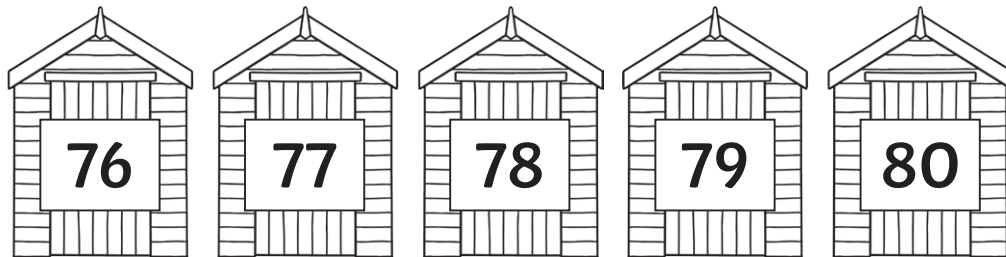
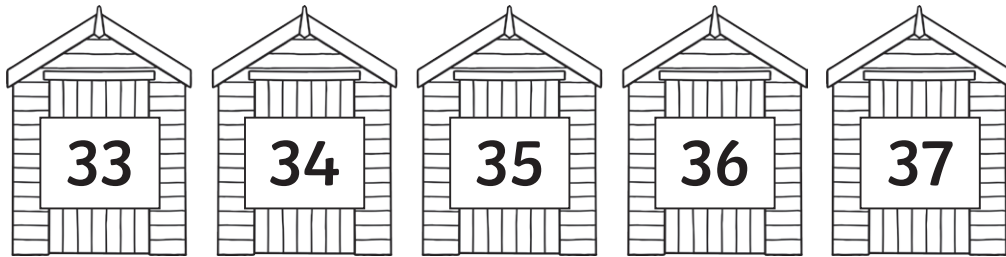
That is the size of shoe worn by the sandcastle stamper!

Have you worked out who the sandcastle stamper is?

The sandcastle stamper is: _____

Clue 1: Missing Numbers on the Beach Huts

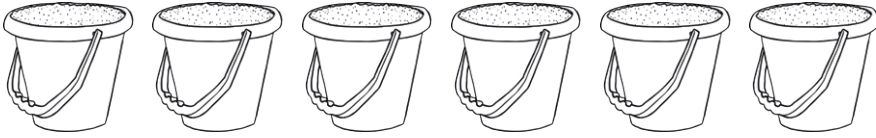
Fill in the missing numbers on the beach huts. If you fill in more odd numbers than even numbers, the sandcastle stamper is male.



There are more odd numbers. The sandcastle stamper is male..

Clue 2: How Many Buckets?

Work out the number statements, then colour in the correct answers in the box below. Rearrange the words to make a sentence to solve the next clue.



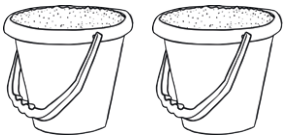
$$+ 10 = \boxed{16}$$



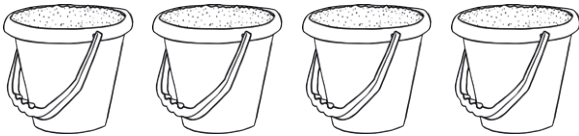
$$+ 6 = \boxed{11}$$



$$+ 7 = \boxed{14}$$



$$+ 18 = \boxed{20}$$



$$+ 9 = \boxed{13}$$



$$+ 17 = \boxed{18}$$

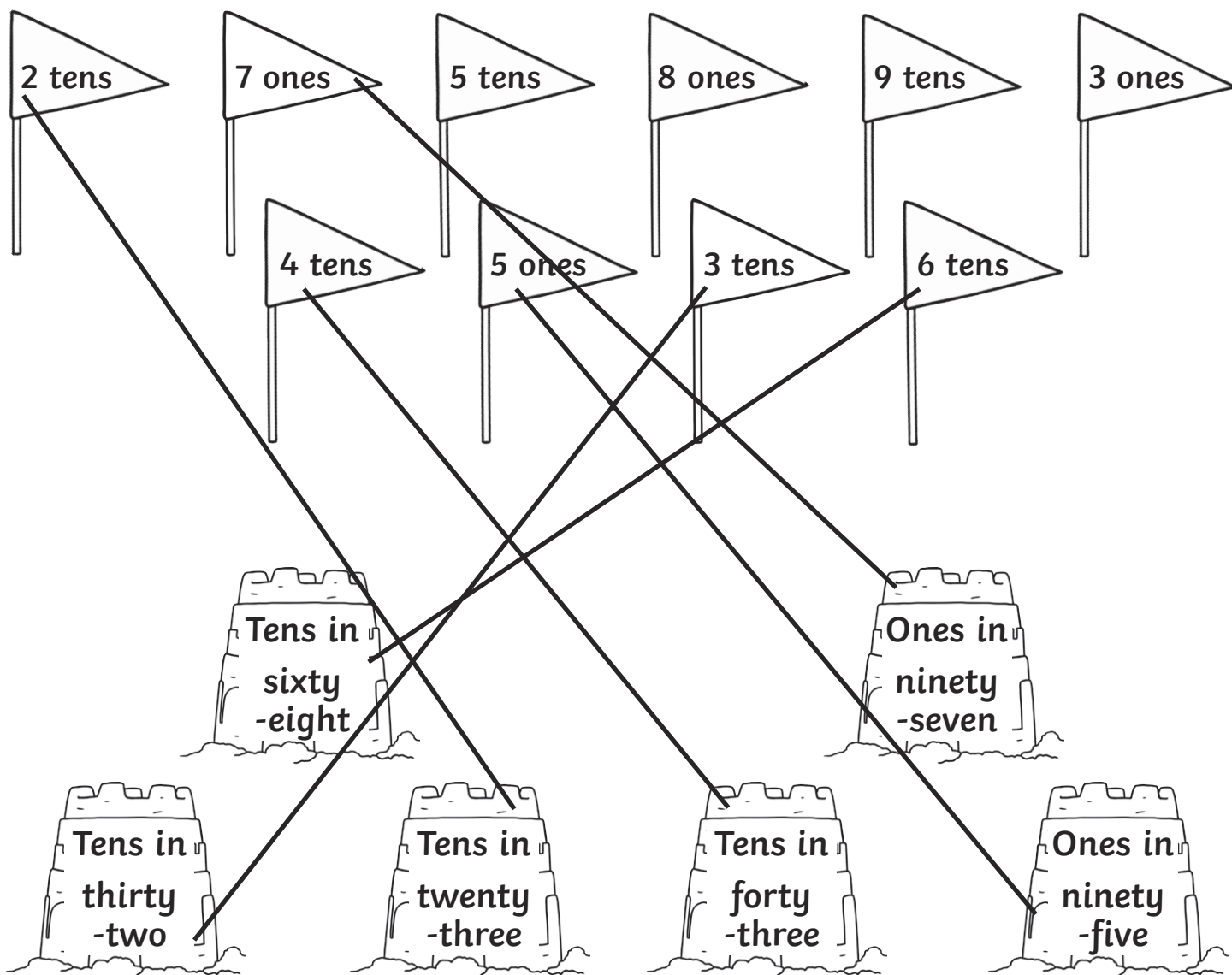
18	15	13	11	19	16
found	nine	jumper	seven	eight	was

17	14	12	8	20	6
girl	aged	sun	flags	an	more

Clue 2: An aged seven jumper was found.

Clue 3: Matching the Sandcastles and the Flags

How many tens or ones in these numbers? Draw a line to match the correct sandcastles and flags.



4 tens	1 one	6 tens	6 ones
sunglasses	not	were	ice cream

8 tens	3 tens	9 ones	5 ones
there	broken	smashed	found

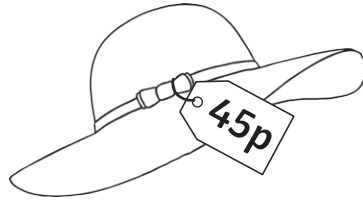
Clue 3: Broken sunglasses were found.

Clue 4: At the Beach Shop

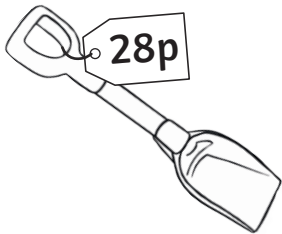
Work out the change from £1 when you buy these items from the beach shop, to work out this clue. Put the answer in the empty boxes at the end. Colour the answers in the table and solve clue number four.



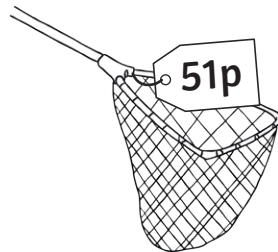
22p



55p



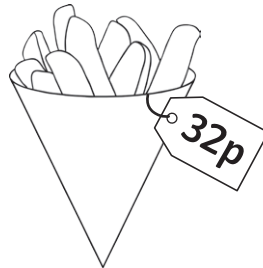
72p



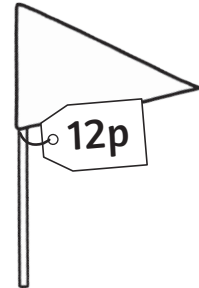
49p



33p



68p



88p

72p	60p	22p	32p	88p	66p
was	didn't	sand	like	strawberry	lolly
55p	81p	68p	18p	49p	33p
ice cream	wrapper	found	naughty	on	the

Clue 4: Strawberry ice cream was found on the sand.

Clue 5: Shoe Size

A shoe print was discovered on one of the sandcastles. Solve the next clue to work out what size shoe the sandcastle stamper was wearing. Work out the answers to these number statements.



$$8 + 6 = \boxed{14}$$



$$\boxed{20} - 11 = 9$$



$$5 \times 2 = \boxed{10}$$



$$3 + \boxed{12} = 15$$



$$\text{Double } 9 = \boxed{18}$$



$$16 - \boxed{6} = 10$$



All multiples of 2.

The sandcastle stamper was wearing size 2 shoes.

The sandcastle stamper is Sean!