A Day at the Fair

I can solve a 2-step problem using objects, pictures and models.

Buying Ice Creams

Haleema and Erin have 40p to spend on ice cream toppings.

They buy 2 toppings. Choose 2 toppings that they could buy.
How much change would they have from 40p?

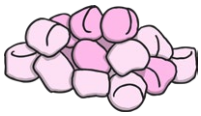
Strawberries

10p

Bananas

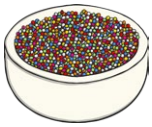
12p

Marshmallows



8p

Sprinkles



16p

I chose fudge chunks and sprinkles.
18p + 16p = 34p
40p – 34p = 6p
I would get 6p change from 40p.

Flake

15p

Chocolate Chunks

14p

Fudge Chunks

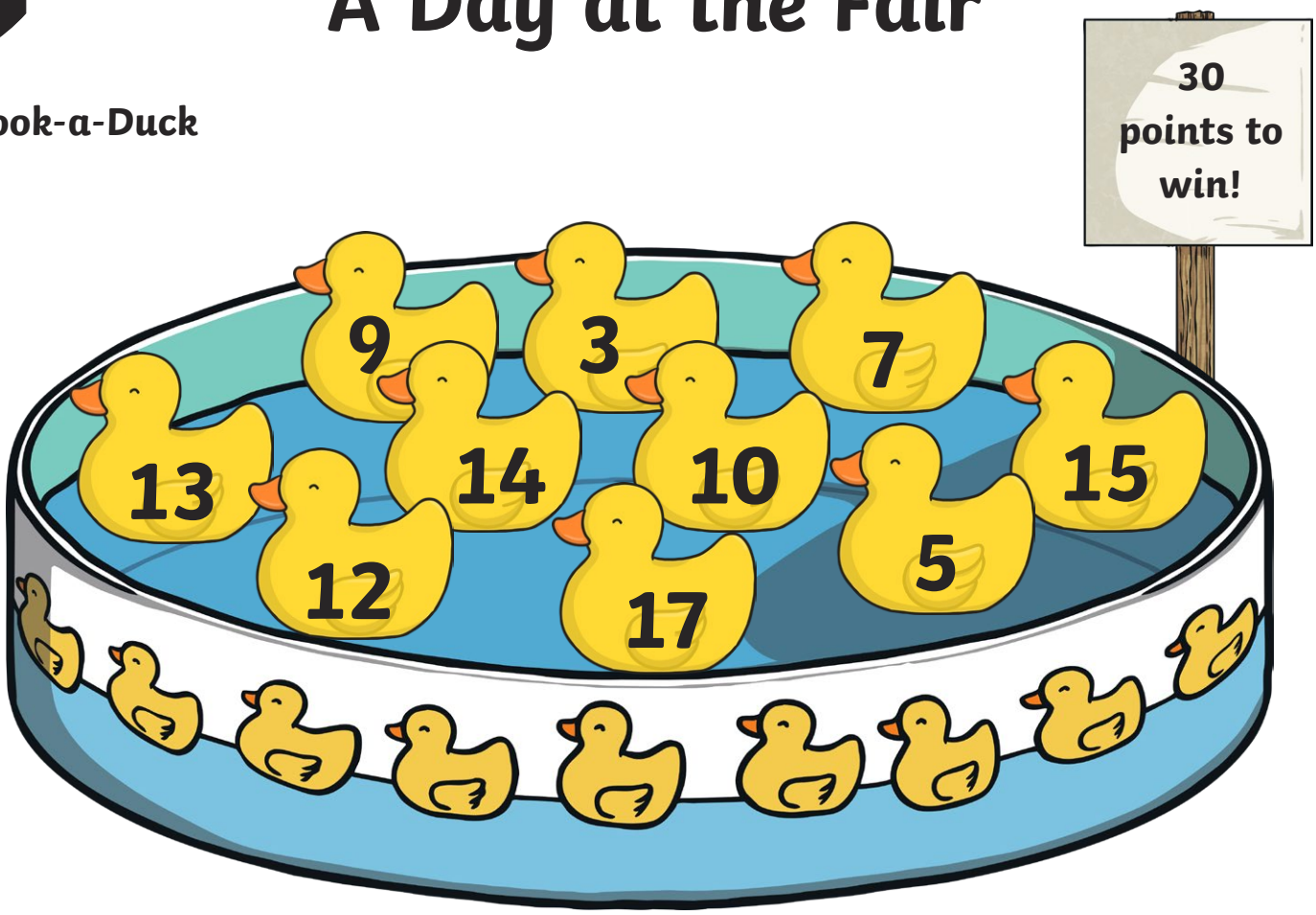
18p

Blueberries

20p

A Day at the Fair

Hook-a-Duck



Haleema catches 2 ducks in the hook-a-duck game. Which 2 ducks could she have caught? How many more points would she need to win the game?

Erin catches 2 different ducks. How many points might she need to win?

Answers

Buying Ice Creams

There are multiple answers depending on the choice of topping.

Examples include: 10p + 18p = 28p (12p change)

16p + 15p = 31p (9p change)

Hook-a-Duck

Multiple answers depending on the choice of ducks.

Examples include: 13 + 14 = 27 (3 points needed to win)

17 + 9 = 26 (4 points needed to win)

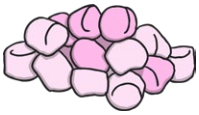
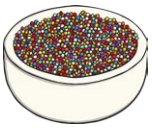
Accept any 2 different combinations of numbers.

A Day at the Fair

I can solve a 2-step problem using objects, pictures and models.

Buying Ice Creams

Haleema and Erin have 60p to spend on ice cream toppings.

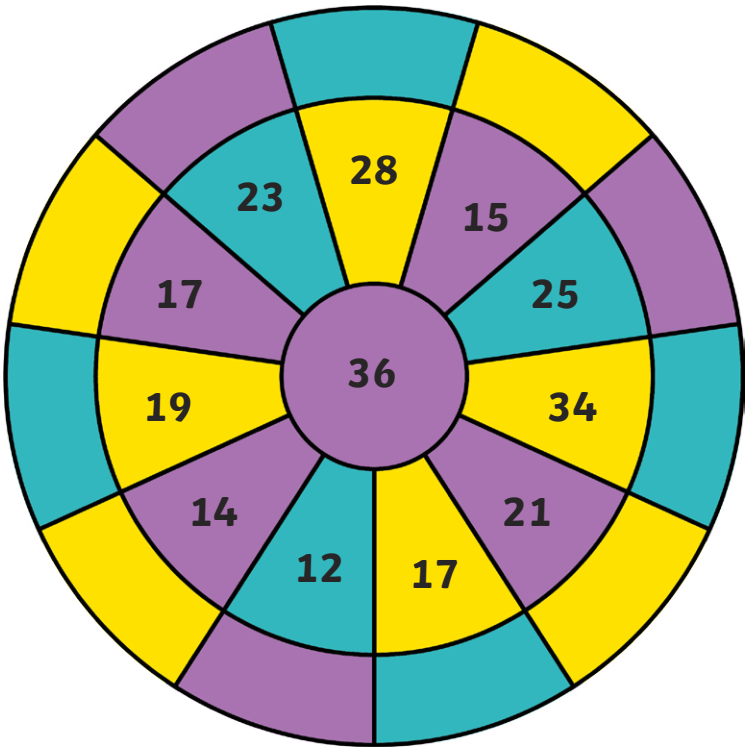
Strawberries 39p	**Bananas** 26p	**Marshmallows**  27p	**Sprinkles**  38p
Flake 28p	**Chocolate Chunks** 47p	**Fudge Chunks** 29p	**Blueberries** 35p

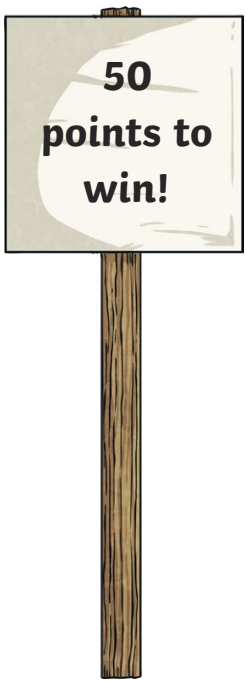
They buy 2 toppings. How much could they have spent and how much change would they have from 60p?

Which 2 toppings could they not afford to buy? How much more money would they need to buy these?

A Day at the Fair

Darts





1. Haleema's 1st dart scored 17 points. Her 2nd dart scored 19 points. How many more points does she need to win?

2. Erin scored 4 more points than Haleema. Which 2 darts could she have thrown?

3. Can Erin win the game? Explain your reasoning.

_____

_____

_____

Answers

Buying Ice Creams

1. Multiple answers depending on the choice of topping.
   Examples include: 30p + 22p = 52p (8p change)
   36p + 23p = 59p (1p change)

2. Accept any 2 toppings which would total more than 60p.
   Examples include: 30p + 36p = 66p (They would need another 6p.)
   34p + 29p = 63p (They would need another 3p.)

Darts

1. Multiple answers depending on the choice of numbers.
   Examples include: 13 + 14 = 27 (23 points needed to win)
   17 + 9 = 26 (24 points needed to win)

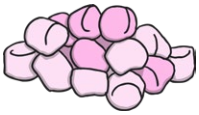
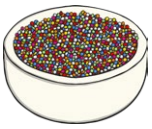
2. Accept any 2 different combinations of numbers from the dart board.

A Day at the Fair

I can solve a 2-step problem using objects, pictures and models.

Buying Ice Creams

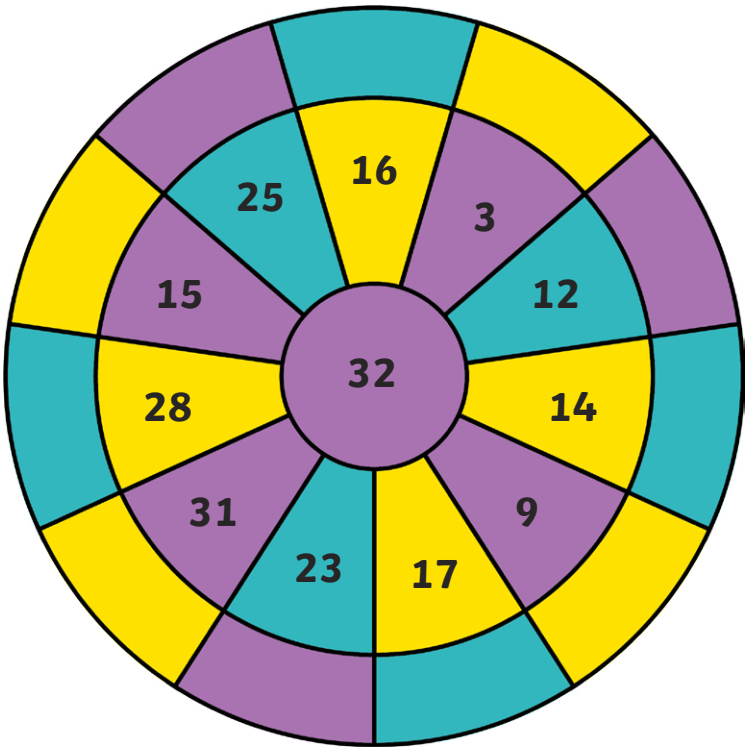
Haleema and Erin have 70p to spend on ice cream toppings.

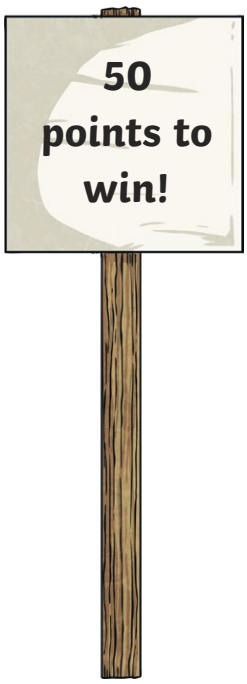
Strawberries 45p	**Bananas** 37p	**Marshmallows**  26p	**Sprinkles**  31p
Flake 81p	**Chocolate Chunks** 68p	**Fudge Chunks** 93p	**Blueberries** 58p

Which 2 toppings could they not afford to buy? How much more money would they need to buy these?

A Day at the Fair

Darts





1. Haleema's 1st dart scored 17 points. Her 2nd dart scored 19 points. How many more points does she need to win?

_____

_____

_____

2. Erin scored 4 more points than Haleema. Which 2 darts could she have thrown? Can Erin win the game? Explain your reasoning.

_____

_____

_____

Answers

Buying Ice Creams

39p + 38p = 77p (They would need 7p more.)

39p + 47p = 86p (They would need 16p more.)

39p + 35p = 74p (They would need 4p more.)

47p + 35p = 72p (They would need 2p more.)

Darts

1. 17 + 19 = 36 (She would need 14 more points to win.)

2. 36 + 4 = 40.
   There are multiple combinations.
   Examples include: 17 + 23 = 40
   12 + 28 = 40

3. 50 – 40 = 10
   Erin would need 10 more points to win the game. Erin could not win as she could not score 10 points.