

Have a go before discussing how to do it.

Block diagrams

Discover



- 1** a) Who has the most points?
How do you know?
- b) Which children have the same number of points?
How do you know?

Talk through how to work out the answers.

Share

a) Count each score in 1s.

We could use cubes to help us!



Izzy	4
Joe	6
Matt	8
Abbie	6



Use the scale on the side and compare the height of the towers.

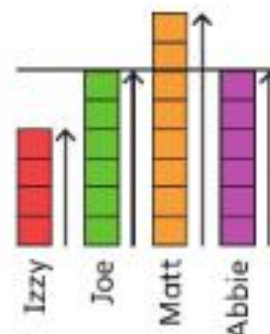


This is called a block diagram.

Matt has the most points as he has the highest tower.

b) Use cubes to see which towers are the same height.

Use the scale on the side and compare the heights of each tower to see which scores are the same.



Joe and Abbie have the same number of points as the heights of their towers are the same.

Apply these methods to the following questions. Keep discussing.

Think together

- 1 The children in Class 2 are put into teams for a quiz.

Here are the results.

- a) Which team scored the most points?

How do you know?

Team scored the most points.

- b) Which team scored the least points?

How do you know?

Team scored the least points.

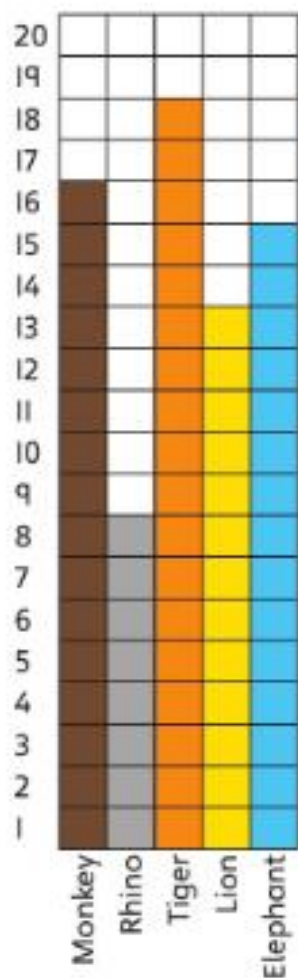


- 2 Use cubes to make a block diagram of these sports day team results.



Add in additional questions if needed then go on to the challenge below.

3 Three children are discussing favourite animals.



The most popular animal is the tiger.

5 fewer children prefer the elephant to the tiger.

8 more children prefer the monkey to the rhino.

- Are all the children correct?
- Create your own question for this block diagram.