

Bagged Cubes

ACTIVITY

- In the collections of bags below:
 - each red bag (r) contains 3 cubes
 - each blue bag (b) contains 5 cubes
 - each yellow bag (y) contains 4 cubes.

How many cubes would there be altogether in each collection?

- | | |
|--|---|
| a.  | b.  |
| c.  | d.  |
| e.  | f.  |
| g.  | h.  |

- Do any of the collections have the same total?
Why does this happen?
- In the green, orange, and black bags below, each bag of the same colour contains the same number of cubes.
Use the clues to work out how many cubes are in each coloured bag.
No bag has more than 10 cubes.

- | |
|--|
| i.  has as many cubes as  |
| ii.  has as many cubes as  |
| iii.  has as many cubes as  |
| iv.  has as many cubes as  |



It doesn't matter what colour the cubes are; it's the colour of the bags that's important.