

# Who Has More? Comparing Fractions Puzzle Cards **Instruction Sheet**

You will need:

- Large fraction strips ( $\frac{1}{2}$ s  $\frac{1}{4}$ s and  $\frac{1}{3}$ s) made from A3 paper (or larger)
- Objects to interest the children (wrapped sweets, coins, animals, small world objects etc.)
- A4 Fraction Sheets - per child
- Comparing Fractions Puzzle cards (cut out)

1. Show the children the large fraction strips and discuss what each one has been divided into.
2. Choose a puzzle card to read out.
3. Children decide which fraction strip is needed to solve each part of the puzzle and how many objects they need.
4. Choose a child to put the objects on the fraction strip and to explain what they are doing and why.
5. Do all the children agree? Get them to repeat the fraction sentence after you, for example " $\frac{1}{2}$  of 6 = 3."
6. Now the children can work through a card independently, using the fraction strips and equipment.
7. When they have done this, ask some questions about the cards. Ask who has more and model the vocabulary, e.g. " $\frac{1}{2}$  of 6 is more than  $\frac{1}{4}$  of 8."

8. Children can draw on the fraction strips and stick them in their books if you wish them to record their work.
9. Repeat with different puzzle cards.

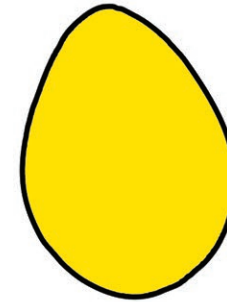
# Who Has More?

## Comparing Fractions Puzzle Cards

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Who Has More?

The Giant finds 12 golden eggs and picks up  $\frac{1}{4}$  of them.



Jack finds 16 eggs and picks up  $\frac{1}{4}$  of them.

Who picks up more eggs?

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Who Has More?

The Giant finds a beanstalk which is 20m tall and climbs  $\frac{1}{2}$  way up.

Jack finds a beanstalk which is 24m tall and climbs  $\frac{3}{4}$  of the way up.

Who climbs the highest?



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Who Has More?

The Giant has 15 coins. He spends  $\frac{1}{3}$  of them.



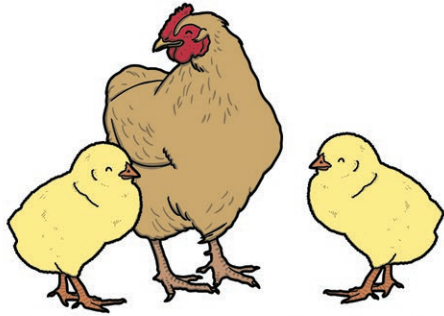
Jack has 12 coins. He spends  $\frac{1}{2}$  of them.

Who spends more?

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Who Has More?

The Giant has 12 chickens. He sells  $\frac{1}{4}$  of them.



Jack has 12 chickens. He sells  $\frac{1}{3}$  of them.

Who sells more?

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Who Has More?

The Giant lives 20 miles from the beanstalk. He runs  $\frac{1}{2}$  of the way.



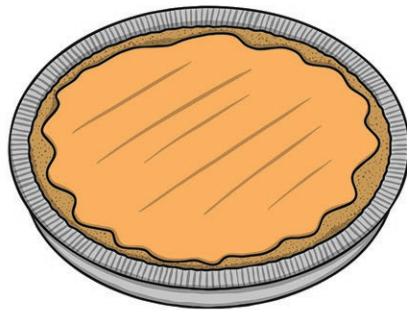
Jack is 16 miles from the beanstalk. He runs  $\frac{3}{4}$  of the way.

Who runs the farthest?

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Who Has More?

The Giant has 14 pies. He eats  $\frac{2}{4}$  of them.



Jack has 18 pies. He eats  $\frac{1}{2}$  of them.

Who eats more pies?

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# Who Has More? Comparing Fractions Puzzle Cards **Answer Sheet**

The Giant finds 12 eggs and picks up  $\frac{1}{4}$  of them.      **3**

Jack finds 16 eggs and picks up  $\frac{1}{4}$  of them.      **4**

Who picks up more eggs?      **Jack**

The Giant lives 20 miles from the beanstalk. He runs  $\frac{1}{2}$  way.      **10 miles**

Jack is 16 miles from the beanstalk. He runs  $\frac{3}{4}$  of the way.      **12 miles**

Who runs the furthest?      **Jack**

The Giant finds a beanstalk which is 20m tall and climbs  $\frac{1}{2}$  way up.      **10m**

Jack finds a beanstalk which is 24 m tall and climbs  $\frac{3}{4}$  of the way up.      **18m**

Who climbs the highest?      **Jack**

The Giant has 14 pies. He eats  $\frac{2}{4}$  of them.      **7**

Jack has 18 pies. He eats  $\frac{1}{2}$  of them.      **9**

Who eats more pies?      **Jack**

The Giant has 15 coins. He spends  $\frac{3}{4}$  of them.      **5**

Jack has 12 coins. He spends  $\frac{1}{2}$  of them.      **6**

Who spends more      **Jack**

The Giant has 12 animals. He sells  $\frac{1}{4}$  of them.      **3**

Jack has 12 animals He sells  $\frac{1}{3}$  of them.      **4**

Who sells more?      **Jack**