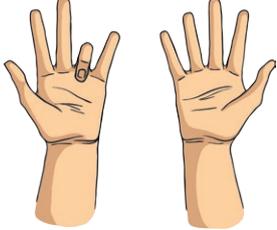


# Year 3 Fraction Problems

Answer the following questions.

Helpful hint: Drawing diagrams may help you.

<p>1. Billy ate <math>\frac{3}{5}</math> of a pizza and Bob ate <math>\frac{4}{5}</math> of a pizza. Who ate the most?</p> 	<p>2. Philomena had <math>\frac{1}{3}</math> of her chocolate bar remaining and Daphne had <math>\frac{1}{4}</math>. Who had most left?</p> 	<p>3. What comes next? One tenth, two tenths, ...</p> 

<p>4. A running track is <math>\frac{1}{4}</math> of a km long. How far would a runner go if he ran round the track 4 times?</p> 	<p>5. Hamza chopped up a pineapple and gave <math>\frac{1}{2}</math> to his mum. He also ate half himself. How much was left to give to his dad?</p> 	<p>6. Miriam's dad offered a choice for her pocket money – have <math>\frac{1}{4}</math> of £5 or <math>\frac{1}{2}</math> of £5. Which should she choose?</p> 

7. Terry wanted to buy a football shirt in the sale. One shop was offering  $\frac{1}{3}$  off the price, another shop was offering  $\frac{1}{2}$  price. Which is the better deal?



8. Danyal used  $\frac{4}{7}$  of the milk for his cereal. What fraction was left for his brother?



9. Peter ate  $\frac{1}{2}$  of his bar of chocolate, Damian ate  $\frac{2}{4}$  of his bar of chocolate and Polly ate  $\frac{3}{6}$  of her bar of chocolate. Who had the most remaining?



# Year 3 Fraction Problems - Answers

1. Billy ate $\frac{3}{5}$ of a pizza and Bob ate $\frac{4}{5}$ of a pizza. Who ate the most?	2. Philomena had $\frac{1}{3}$ of her chocolate bar remaining and Daphne had $\frac{1}{4}$ . Who had most left?	3. What comes next? One tenth, two tenths, ...
Bob	Philomena	$\frac{3}{10}$ - Three Tenths

4. A running track is $\frac{1}{4}$ of a km long. How far would a runner go if he ran round the track 4 times?	5. Hamza chopped up a pineapple and gave $\frac{1}{2}$ to his mum. He also ate half himself. How much was left to give to his dad?	6. Miriam's dad offered a choice for her pocket money – have $\frac{1}{4}$ of £5 or $\frac{1}{2}$ of £5. Which should she choose?
1km	Nothing is left for dad.	$\frac{1}{2}$ would be more - £2.50

7. Terry wanted to buy a football shirt in the sale. One shop was offering $\frac{1}{3}$ off the price, another shop was offering $\frac{1}{2}$ price. Which is the better deal?	8. Danyal used $\frac{4}{7}$ of the milk for his cereal. What fraction was left for his brother?	9. Peter ate $\frac{1}{2}$ of his bar of chocolate, Damian ate $\frac{2}{4}$ of his bar of chocolate and Polly ate $\frac{3}{6}$ of her bar of chocolate. Who had the most remaining?
Half price is a better deal	$\frac{3}{7}$ of the milk was left for his brother.	They all had the same amount remaining.