

Maths

Week 3 – Fractions. Remember how good you were at fractions in class last term, every Amber child did really well.

Day 1

Calculate the amount in each choice and then select the largest amount.
Use fraction bars or calculations to help you to work out your answers.

1. Would you rather...? $\frac{1}{4}$ of £4 $\frac{1}{2}$ of £8 $\frac{1}{3}$ of £6

2. Would you rather...? $\frac{1}{4}$ of £8 $\frac{1}{2}$ of £4 $\frac{1}{3}$ of £9

3. Would you rather...? $\frac{2}{3}$ of £36 $\frac{3}{4}$ of £36 $\frac{1}{5}$ of £55

4. Would you rather...? $\frac{2}{5}$ of £35 $\frac{1}{8}$ of £96 $\frac{3}{6}$ of £30

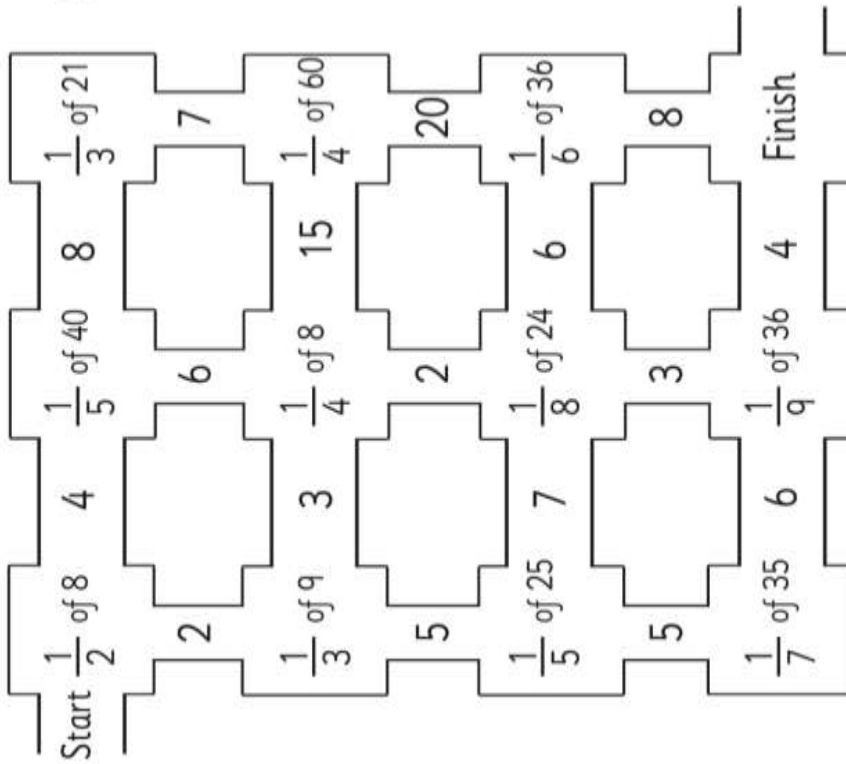
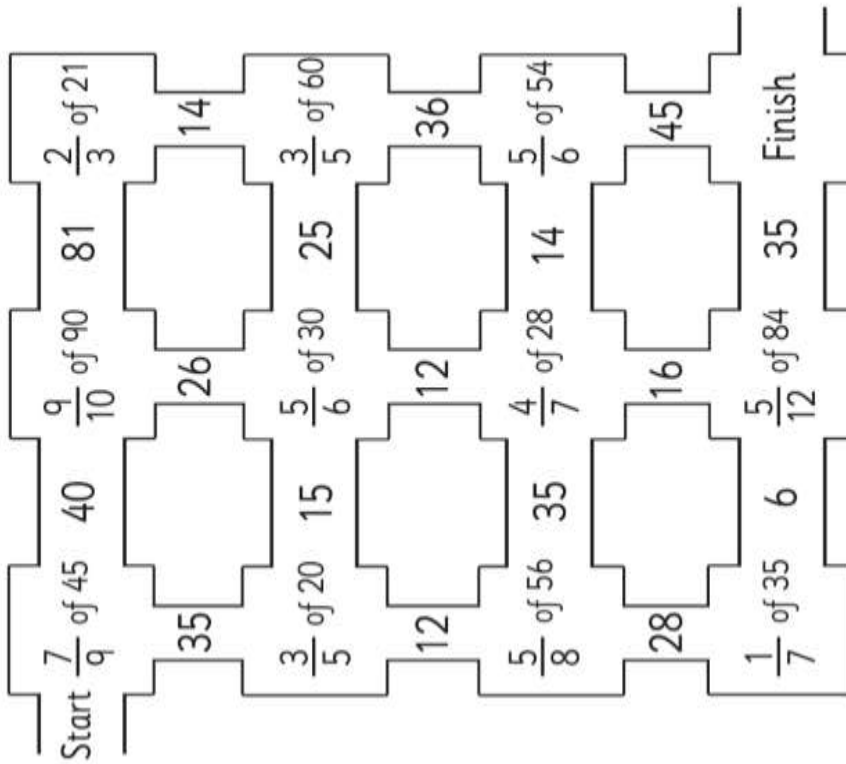
5. Would you rather...? $\frac{4}{5}$ of £25 $\frac{2}{3}$ of £27 $\frac{3}{10}$ of £60

6. Would you rather...? $\frac{3}{8}$ of £48 $\frac{3}{4}$ of £44 $\frac{5}{9}$ of £45

7. Would you rather...? $\frac{2}{6}$ of £54 $\frac{3}{7}$ of £49 $\frac{4}{12}$ of £60

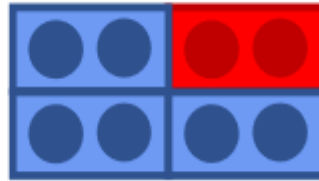
8. Would you rather...? $\frac{5}{6}$ of £72 $\frac{8}{10}$ of £70 $\frac{7}{9}$ of £72

Day 2 – You’ve played this game before in class. Can you challenge a friend or family member to a game?



Explain

What fraction of the shape is blue?



Kam

$\frac{6}{8}$ as 6 out of 8 circles are blue

Jack

$\frac{3}{4}$ as 3 out of 4 rectangles are blue

I agree with Kam

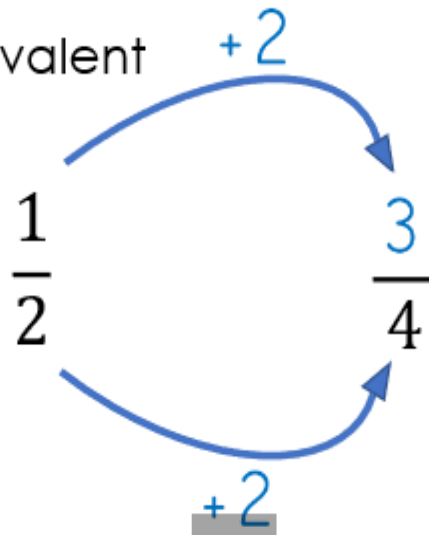
I agree with Jack

I agree with both

Explain:

Explain the mistake

One-half is equivalent to how many quarters?



Day 4 – Have a go at these word puzzles. You may need some help from a grown up. Remember to read the puzzle carefully, underline the important information and use the fraction wall or draw pictures to help you solve the puzzle.

Add and Subtract Fractions

Polly gives her pet rabbits a bucket of carrots.
The rabbits munch $\frac{4}{8}$ of the bucket of carrots.

What fraction of the bucket of carrots is left over?



Add and Subtract Fractions

Peter loves to eat biscuits.
On Monday, he devours $\frac{2}{9}$ of a packet.
On Tuesday, he scoffs $\frac{4}{9}$ of a packet.

What fraction of the packet of biscuits does he eat altogether?



Add and Subtract Fractions

Sally has made a delicious mushroom pizza.
She eats $\frac{2}{5}$ of the pizza.

What fraction of the pizza is left over?



Add and Subtract Fractions

Tim and Sarah are painting old chairs.
They use $\frac{3}{12}$ of a tin of paint on one chair and $\frac{5}{12}$ of a tin on another.

What fraction of the tin of paint did they use altogether?



Add and Subtract Fractions

Jessica is wrapping birthday presents for her daughter.
She uses $\frac{4}{7}$ of a roll of paper to wrap a doll's house.
She uses $\frac{2}{7}$ of the roll to wrap a ball.

What fraction of the roll of wrapping paper does she use altogether?



Add and Subtract Fractions

Tony and his dad are making a wooden playhouse.
They use $\frac{9}{15}$ of a pile of wood for the walls.
They use $\frac{3}{15}$ of the pile for the roof.

What fraction of the wood is left over?



Add and Subtract Fractions

Meg is making cups of hot chocolate.
She uses $\frac{4}{10}$ of the packet of marshmallows in the first cup.
She uses $\frac{2}{10}$ of the packet of marshmallows in the second cup.

What fraction of the marshmallows are left over?



Add and Subtract Fractions

Matt and his sister are decorating the house for a birthday party.
They use $\frac{6}{20}$ of the bag of balloons outside the house and $\frac{12}{20}$ of the bag on the inside of the house.

What fraction of the bag did they use altogether?



Day 5 – Instead of a Friday tables test, try the ultimate challenge. Do this each week, ask someone to time you and see how you improve.

Ultimate Times Table Challenge

Name:

Number Correct:

Time:

Previous Score:



$1 \times 1 =$	$11 \times 12 =$	$10 \times 12 =$	$3 \times 5 =$	$1 \times 9 =$	$7 \times 1 =$
$1 \times 5 =$	$1 \times 2 =$	$2 \times 5 =$	$4 \times 1 =$	$2 \times 9 =$	$4 \times 5 =$
$3 \times 1 =$	$3 \times 3 =$	$9 \times 12 =$	$3 \times 7 =$	$6 \times 1 =$	$3 \times 11 =$
$1 \times 4 =$	$4 \times 3 =$	$1 \times 3 =$	$11 \times 7 =$	$4 \times 9 =$	$3 \times 9 =$
$5 \times 1 =$	$8 \times 9 =$	$5 \times 5 =$	$8 \times 12 =$	$2 \times 7 =$	$5 \times 11 =$
$10 \times 3 =$	$6 \times 3 =$	$1 \times 11 =$	$2 \times 11 =$	$11 \times 11 =$	$1 \times 7 =$
$5 \times 3 =$	$9 \times 7 =$	$7 \times 5 =$	$7 \times 7 =$	$7 \times 9 =$	$10 \times 5 =$
$8 \times 1 =$	$10 \times 1 =$	$5 \times 7 =$	$6 \times 5 =$	$3 \times 8 =$	$8 \times 11 =$
$9 \times 1 =$	$9 \times 3 =$	$3 \times 10 =$	$9 \times 9 =$	$4 \times 7 =$	$8 \times 7 =$
$11 \times 9 =$	$6 \times 8 =$	$6 \times 11 =$	$10 \times 7 =$	$10 \times 9 =$	$10 \times 11 =$
$11 \times 1 =$	$11 \times 3 =$	$11 \times 5 =$	$2 \times 3 =$	$4 \times 11 =$	$8 \times 5 =$
$12 \times 5 =$	$12 \times 12 =$	$5 \times 4 =$	$12 \times 7 =$	$12 \times 9 =$	$12 \times 11 =$
$2 \times 1 =$	$8 \times 3 =$	$6 \times 7 =$	$1 \times 12 =$	$1 \times 10 =$	$7 \times 3 =$
$2 \times 2 =$	$9 \times 11 =$	$2 \times 6 =$	$2 \times 8 =$	$2 \times 12 =$	$7 \times 6 =$
$11 \times 4 =$	$3 \times 4 =$	$5 \times 9 =$	$12 \times 2 =$	$2 \times 4 =$	$1 \times 6 =$
$4 \times 2 =$	$4 \times 4 =$	$4 \times 6 =$	$6 \times 9 =$	$4 \times 10 =$	$9 \times 5 =$
$5 \times 2 =$	$10 \times 2 =$	$12 \times 1 =$	$5 \times 8 =$	$3 \times 6 =$	$7 \times 11 =$
$7 \times 4 =$	$6 \times 4 =$	$6 \times 6 =$	$12 \times 3 =$	$6 \times 2 =$	$8 \times 4 =$
$7 \times 2 =$	$9 \times 2 =$	$2 \times 10 =$	$5 \times 10 =$	$1 \times 8 =$	$5 \times 6 =$
$7 \times 8 =$	$6 \times 10 =$	$12 \times 10 =$	$12 \times 4 =$	$8 \times 10 =$	$8 \times 2 =$
$10 \times 4 =$	$9 \times 4 =$	$3 \times 12 =$	$9 \times 8 =$	$12 \times 8 =$	$8 \times 6 =$
$11 \times 6 =$	$9 \times 6 =$	$10 \times 6 =$	$3 \times 2 =$	$4 \times 12 =$	$9 \times 10 =$
$11 \times 2 =$	$6 \times 12 =$	$5 \times 12 =$	$11 \times 8 =$	$11 \times 10 =$	$8 \times 8 =$
$7 \times 12 =$	$10 \times 10 =$	$12 \times 6 =$	$7 \times 10 =$	$4 \times 8 =$	$10 \times 8 =$