MATHS TASKS

Monday

Times Table Test - 6× Table

Check

Check

1.	$6 \times 6 =$		
2.	$6 \times 7 =$		
3.	$0 \times 6 =$		
4.	$11 \times 6 =$		
5.	$6 \times 12 =$		
6.	$1 \times 6 =$		
7.	$6 \times 4 =$		
8.	$6 \times 10 =$		
9.	$8 \times 6 =$		
10.	$3 \times 6 =$		
11.	$6 \times 5 =$		
12.	$6 \times 9 =$		
My score:			

13.	$36 \div 6 =$		
14.	$18 \div 6 =$		
15.	$66 \div 6 =$		
16.	$12 \div 6 =$		
17.	$24 \div 6 =$		
18.	$48 \div 6 =$		
19.	$6 \div 6 =$		
20.	$72 \div 6 =$		
21.	$42 \div 6 =$		
22.	$30 \div 6 =$		
23.	$60 \div 6 =$		
24.	$54 \div 6 =$		
My score last time:			

How I can improve:

I can compare measurements in m, cm and mm.

1) Compare these measurements using <, > or =.

12cm		15cm
9cm		4cm
1cm		10mm
35mm		4cm
8m		4m
6m		12m
3m		350cm
4m		400cm

Useful Facts
1m = 100cm
1cm = 10mm
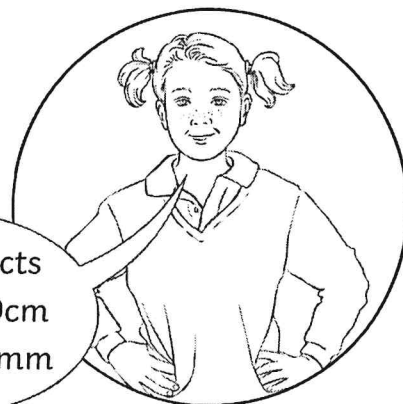
2) Order these measurements from shortest to longest.

a)   10cm   25mm   3m

b)   45mm   1m   20cm

c)   3cm   5m   50mm

twinkl planit

Maths I Year 3 I Measurement I Measure, Compare, Add and Subtract Units of Measurement I
Lesson 8 of 8: Comparing Lengths

visit twinkl.com
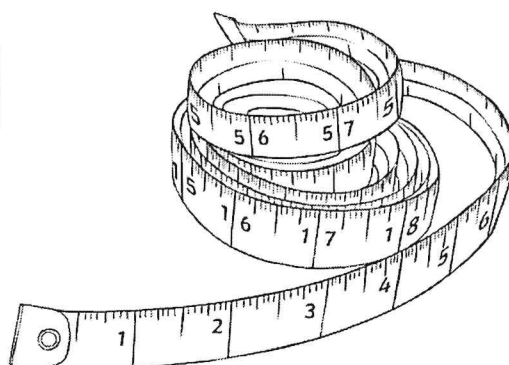
3) Here are some lines, along with their measurements.
Some measurements are in cm, some are in mm.

Line A   11cm
|————————————————————————|

Line B   95mm
|———————————————————|

Line C   14cm
|——————————————————————————————|

Line D   85mm
|—————————————————|
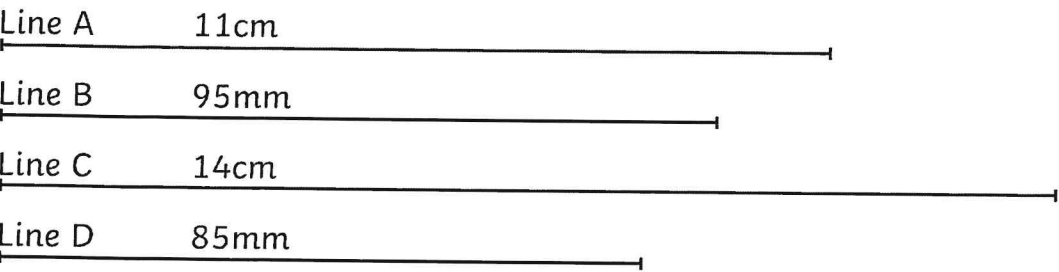
Order the lines from longest to shortest:

longest			shortest
line	line	line	line

4) Here are the heights of Leo's family:

Leo: 1m 64cm	Lucy (sister): 86cm	Dad: 1m 96cm	Mum: 1m 53cm

Order the family from shortest to tallest:

shortest			tallest

twinkl planit   **Maths** | Year 3 | Measurement | Measure, Compare, Add and Subtract Units of Measurement |
Lesson 8 of 8: Comparing Lengths
visit twinkl.com

Tuesday

Times Table Test - 6× Table

1.	6 × 12 =		
2.	5 × 6 =		
3.	6 × 7 =		
4.	6 × 3 =		
5.	6 × 2 =		
6.	11 × 6 =		
7.	6 × 10 =		
8.	1 × 6 =		
9.	4 × 6 =		
10.	6 × 6 =		
11.	9 × 6 =		
12.	6 × 8 =		
My score:			

13.	24 ÷ 6 =		
14.	12 ÷ 6 =		
15.	30 ÷ 6 =		
16.	36 ÷ 6 =		
17.	66 ÷ 6 =		
18.	48 ÷ 6 =		
19.	6 ÷ 6 =		
20.	72 ÷ 6 =		
21.	18 ÷ 6 =		
22.	60 ÷ 6 =		
23.	42 ÷ 6 =		
24.	54 ÷ 6 =		
My score last time:			

How I can improve:

Comparing Measurements

I can compare measurements in m, cm and mm.

1) Compare these measurements using <, > or =.

50mm		5cm
29mm		3cm
2cm 4mm		5cm
3cm 5mm		34mm
178cm		2m
436cm		3m
1m 24cm		2m
2m 65cm		265cm

Useful Facts
1m = 100cm
1cm = 10mm
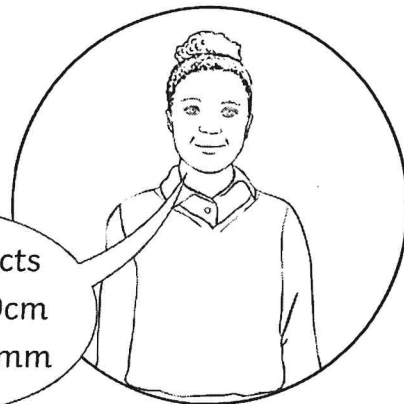
2) Order these measurements from shortest to longest.

a)   15cm   37mm   2m   1m 26cm

b)   62mm   1m 56cm   6cm   3m

c)   12cm   2m   99mm   197cm

d)   3cm   200cm   2m 50cm   38mm

twinkl planit   **Maths** | Year 3 | Measurement | Measure, Compare, Add and Subtract Units of Measurement | Lesson 8 of 8: Comparing Lengths

visit twinkl.com

3) Craig cuts 6 pieces of string. Some of the pieces he measures in cm, some he measures in mm, and some in mixed units (cm and mm).
Order the strings from longest to shortest:

piece A	100mm
piece B	12cm
piece C	45mm
piece D	10cm 2mm
piece E	6cm
piece F	4cm 3mm
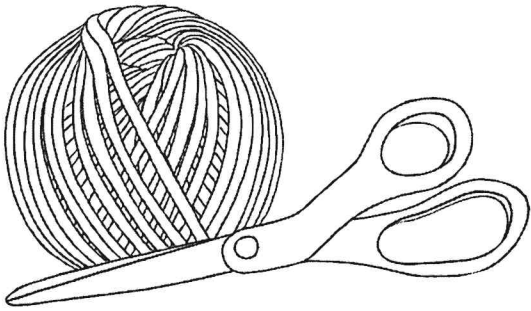
longest					shortest
piece	piece	piece	piece	piece	piece

4) Here are a group of friends' heights. Some heights are in cm, some are in m and cm.
Order the friends' heights from shortest to tallest:

Pavdeep	122cm
Scarlett	1m 45cm
Mohammed	1m 67cm
Tina	138cm
Joshua	1m 24cm
Stacey	153cm
Nikita	1m 52cm

shortest					tallest

Twinkl planit   Maths | Year 3 | Measurement | Measure, Compare, Add and Subtract Units of Measurement |
Lesson 8 of 8: Comparing Lengths
visit twinkl.com

Times Table Test - 6× Table

		Check	
1.	1 × 6 =		
2.	11 × 6 =		
3.	4 × 6 =		
4.	6 × 9 =		
5.	5 × 6 =		
6.	6 × 12 =		
7.	6 × 7 =		
8.	2 × 6 =		
9.	3 × 6 =		
10.	6 × 6 =		
11.	8 × 6 =		
12.	6 × 10 =		
My score:			

		Check	
13.	60 ÷ 6 =		
14.	24 ÷ 6 =		
15.	6 ÷ 6 =		
16.	54 ÷ 6 =		
17.	66 ÷ 6 =		
18.	36 ÷ 6 =		
19.	12 ÷ 6 =		
20.	30 ÷ 6 =		
21.	18 ÷ 6 =		
22.	48 ÷ 6 =		
23.	42 ÷ 6 =		
24.	72 ÷ 6 =		
My score last time:			

How I can improve:

Comparing Measurements

I can compare measurements in m, cm and mm.

1) Compare these measurements using <, > or =.

30mm		3cm		3m
35mm		40cm		2m
1cm 4mm		5cm		1m 24cm
3cm 52mm		300mm		300cm
178cm		20mm		1m 45cm
639cm		7m		700cm
5m 29cm		3m		500mm
3m 85cm		295cm		12cm 5mm

2) Order these measurements from shortest to longest.

a)   18cm   47mm   1m   1m 54cm   12cm 6mm

b)   94mm   2m 47cm   16cm   13cm 6mm   2m

c)   13m   15cm   79mm   107cm   10cm 3mm

d)   13cm 7mm   400cm   3m 56cm   178mm   25cm

twinkl planit   **Maths** | Year 3 | Measurement | Measure, Compare, Add and Subtract Units of Measurement | Lesson 8 of 8: Comparing Lengths

visit twinkl.com

3) Here are the average monthly rainfall amounts for different cities around the world during the month of June.
Order the cities from the greatest rainfall to the least:

London	4cm 3mm
Rome	6mm
Mumbai	562mm
Adelaide	6cm 1mm
Bangkok	180mm
Singapore	16cm 3mm
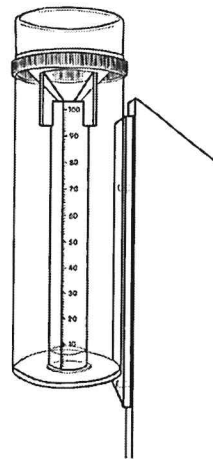
greatest					least

4) Here are the results from the Sports Day beanbag throw event.
Order the children from the least to the greatest distance thrown:

Grace	8m 56cm
Stuart	765cm
Rakesh	10m 30cm
Saima	987cm
Tom	1124cm
Chase	8m 68cm
Leon	7m 29cm

least					greatest

Chilli Challenge

Fractions

twinkl
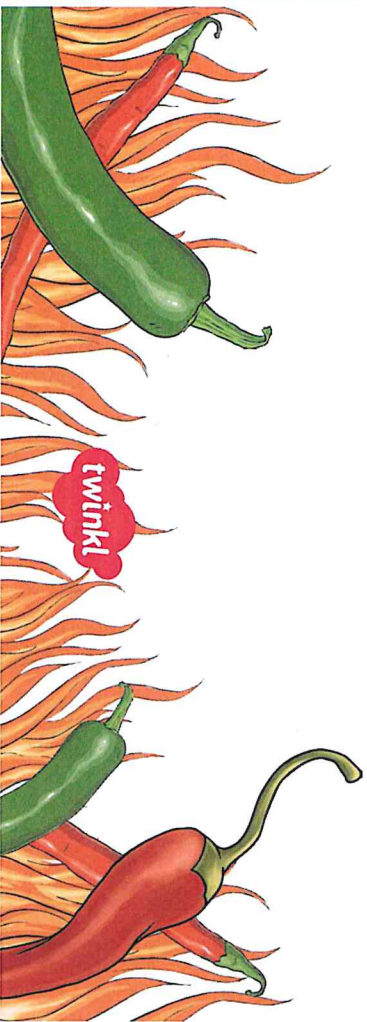
Recognise, Name and Write Fractions

Nice and Spicy!

Recognise that hundredths arise from dividing an object by one hundreds

Can you colour $\frac{23}{100}$

Recognise, Name and Write Fractions

Nice and Spicy!

Count up and down in hundredths

Can you add these fractions to a number line and practice counting in hundredths?

"One hundredth,
two hundredths,
three hundredths..."

$\frac{1}{100}$
$\frac{2}{100}$
$\frac{3}{100}$
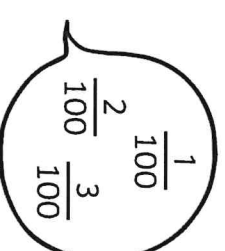
Solve Problems

Nice and Spicy!

Solve problems that involve fractions to calculate quantities, and fractions to divide quantities

Use the symbols <, = or > to compare these equations.

$\frac{1}{3}$ of 24 $\frac{1}{4}$ of 28

Solve Problems

Solve simple measure and money problems involving fractions and decimals to two decimal places

A piece of wood is 1m long. It is cut in half. How long will be each piece?

Nice and Spicy!

Equivalence

Recognise and write decimal equivalents of any number of tenths

Write $\frac{2}{10}$ as a decimal

Nice and Spicy!

Equivalence

Recognise and show, using diagrams, families of common equivalent

$$\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$$

Can you shade the boxes to show how the fractions are equivalent.

Nice and Spicy!

Equivalence

Recognise and write decimal equivalents to

$$\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$$

$$\frac{1}{4} = \qquad \frac{1}{2} = \qquad \frac{3}{4} =$$

Nice and Spicy!

Calculate

Add and subtract fractions with the same denominator

$$\frac{2}{5} + \frac{1}{5} =$$

$$\frac{4}{5} - \frac{1}{5} =$$

Compare and Order

Compare numbers with one decimal place

Write > or < to make the statement true.

0.6   0.9

Calculate

Find the effect of dividing a one-digit number by 10, identifying the value of the digits in the answer as ones, tens and hundredths

$$2 \div 10 = 0.2$$

What is the value of this number?

Rounding

Round decimals with one decimal place to the nearest whole number

Can you round the decimals to the nearest whole number?

1.5 rounds to

5.4 rounds to

Recognise, Name and Write Fractions

It's getting hot!

Count up and down in hundredths

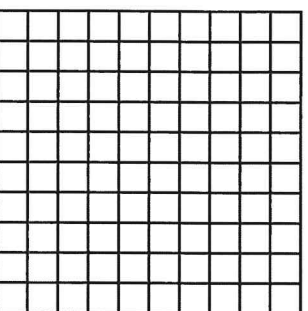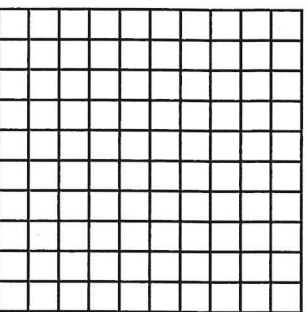Add these fractions to a number line and practice counting in hundredths?

"One hundredth,
two hundredths,
three hundredths..."

$\frac{1}{100}$ $\frac{2}{100}$ $\frac{3}{100}$

Recognise, Name and Write Fractions

It's getting hot!
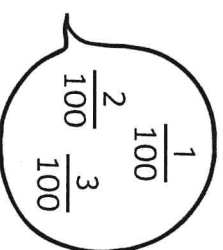
...and dividing tenths by ten

Colour the squares to show $\frac{4}{10}$ and $\frac{4}{100}$

Recognise, Name and Write Fractions

It's getting hot!

Count up and down in hundredths

Colour the squares to show $\frac{23}{100}$

Compare and Order

It's getting hot!
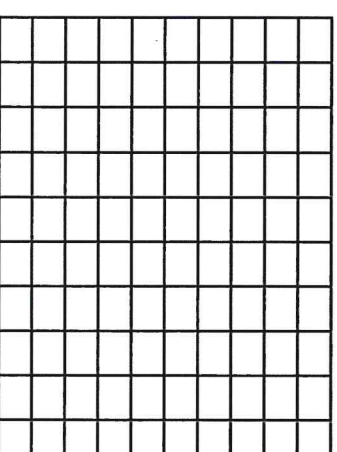
Compare numbers with the same number of decimal places

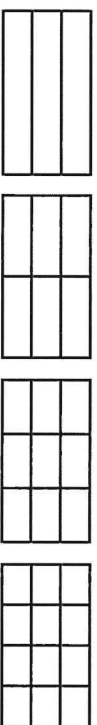Use the symbols < or > to make the statements true

0.6 ☐ 0.9   0.45 ☐ 0.43

It's getting hot!

Equivalence

Recognise and show, using diagrams, families of common equivalent

Can you shade the rectangles to show the fractions?

$$\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12}$$

It's getting hot!

Equivalence

Recognise and write decimal equivalents to

$$\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$$

It's getting hot!

Equivalence

Recognise and write decimal equivalents of any number of tenths or hundredths

Write the decimals that are equivalent to each fraction

$$\frac{2}{10} = \qquad \frac{23}{100} =$$

It's getting hot!

Rounding

Round decimals with one decimal place to the nearest whole number

Round the decimals to the nearest whole number
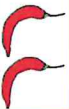
1.5 rounds to

5.4 rounds to

Calculate

It's getting hot!

Add and subtract fractions with the same denominator

Complete the following calculations

$$\frac{5}{16} + \frac{4}{16} =$$

$$\frac{11}{16} - \frac{5}{16} =$$

Solve Problems

It's getting hot!

Solve problems that involve increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Use the symbols <, = or > to compare these equations.

$$\frac{2}{3} \text{ of } 24 \qquad \frac{3}{4} \text{ of } 28$$

Calculate

It's getting hot!

Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tens and hundredths

$$23 \div 100 = 0.23$$

Solve Problems

It's getting hot!

Solve simple measure and money problems involving fractions and decimals to two decimal places

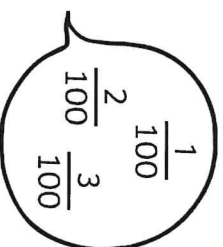2 litres of juice costs £1.30.
How much does one litre cost?

Recognise, Name and Write Fractions

Count up and down in hundredths

Add the fractions to the number line. Can you practice counting forwards and backwards?

"One hundredth, two hundredths, three hundredths..."

$\frac{1}{100}$
$\frac{2}{100}$
$\frac{3}{100}$

Recognise, Name and Write Fractions

...and dividing tenths by ten

Divide $\frac{7}{10}$ by 10

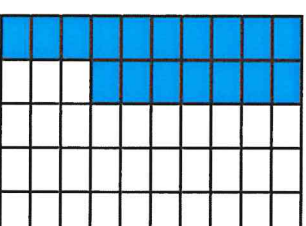$$\frac{7}{10} \div 10 =$$

Think how this be demonstrated using a metre ruler

Recognise, Name and Write Fractions

Apply your understanding that hundredths arise from dividing an object by one hundred

How does this diagram show $\frac{34}{100}$

Rounding

Round decimals with one decimal place to the nearest whole number

Explain why 1.5 rounds to 2

Equivalence

Recognise families of common equivalent

Write equivalent fractions to $\frac{3}{5}$

Equivalence

Recognise and write decimal equivalents to

$$\frac{1}{4} \ , \ \frac{1}{2} \ , \ \frac{3}{4}$$

using them in real life examples

$$\frac{3}{4} \text{ of } 1kg =$$

Equivalence

Recognise and write decimal equivalents of any number of tenths or hundredths

Write the equivalent decimals

$$\frac{2}{10} = \qquad \frac{23}{100} =$$

Compare and Order

Compare numbers with the same number of decimal places, explaining your answer

Why is 0.39 > 0.33?

Calculate

Add and subtract fractions with the same denominator, using knowledge of common equivalents to write the answers in a simpler form

Can you write an equivalent fraction for each answer?

Add and subtract the following fractions.

$$\frac{5}{16} + \frac{4}{16} + \frac{3}{16} = \quad =$$

$$\frac{11}{16} - \frac{5}{16} = \quad =$$

Solve Problems

Solve problems that involve increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Explain why $\frac{7}{8}$ of 24 = $\frac{3}{4}$ of 28

Calculate

Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tens and hundredths

Explain what happens to the tens and ones when

$$23 \div 100 = 0.23$$

Solve Problems

Solve simple measure and money problems involving fractions and decimals to two decimal places

2l of lemonade costs £1.24. How much lemonade is in $\frac{3}{4}$ of the bottle and how much is it worth?