



# Year 6 Summer 2 KIRFs

Key Instant Recall Facts (KIRFs) are designed to support the development of the mental skills that underpin much of the maths work in school. Instant recall facts help enormously with mental agility within maths lessons.

This term's KIRF is to practise the following 4 topics. We will be revising these at school too but please can they also be practised at home. You should also continue to practise the times tables and division facts.

## Finding a % of an amount

$$10\% \text{ of } 409 =$$

$$25\% \text{ of } 392$$

$$50\% \text{ of } 392 =$$

$$10\% \text{ of } 666 =$$

How would you find 12% of these numbers?

Or 21%?

## Long division

**Key words:**

The **dividend** is the number we are dividing.

The **divisor** is the number we are dividing by.

The **quotient** is the quantity produced by the division.

Practise these:

$$1752 \div 24$$

$$351 \div 13$$

$$8216 \div 14$$

A zoo charges £13 per ticket. In one day the zoo took £6,136 in ticket sales. How many people visited the zoo that day?

## Equivalent FDP

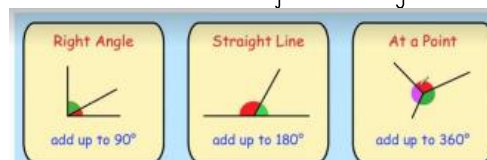
Children need to be able to recall these equivalences.

Decimal	Percentage	Fraction
1.0	100%	1/1 2/2 3/3
0.5	50%	1/2
0.25	25%	1/4
0.75	75%	3/4
0.1	10%	1/10
0.2	20%	1/5 and 2/10
0.33	33.3%	1/3
0.01	1%	1/100

Can you think of anymore?

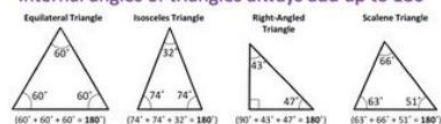
## Finding an unknown angle

By the end of this half term, children should know the following facts. The aim is for them to know these facts instantly.

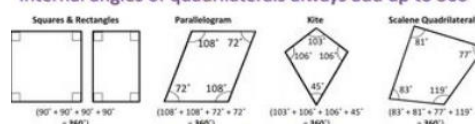


## Angles in 2D Shapes

Internal angles of triangles always add up to 180°



Internal angles of quadrilaterals always add up to 360°



Internal angles of regular polygons

