

Monday 6<sup>th</sup> July 2020

I am learning to solve problems with decimals

Remember when calculating with decimals you need to make sure the decimal point lines up



Record Breakers!

The Record Breakers verification team is gathering data on all the record attempts submitted over the last 6 months. They need your help -you'd better get started...

Highest double standing jump by an under 11

The current record for the highest double standing jump is 0.98m. This is calculated by combining the height of both jumps.

At a recent event the following jumps were recorded:

1. Combine the jumps of each competitor to calculate if anyone beat the record.

Competitor	JUMP 1	JUMP 2	Combined
1	0.32	0.45	
2	0.46	0.44	
3	0.34	0.65	
4	0.57	0.45	

Which competitor now holds the record?

Smallest statue in the world

Needle sculptors use magnifying glasses to carve intricate sculptures in the eye of a needle! Last year's record was 0.735cm for the height of the sculpture.

This year each sculpture must have a plinth to stand on, but it will not be counted in the final measurement

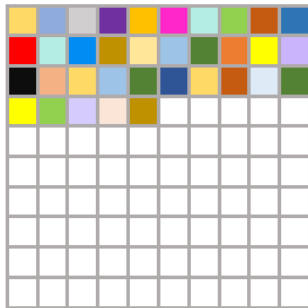
2. Find the height of each sculpture  
Without the plinth.

full height	plinth height	sculpture height
0.956	0.234	
0.983	0.142	
0.998	0.189	
0.887	0.098	

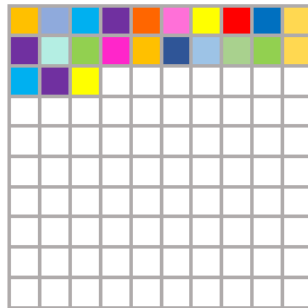
Fastest patchwork quilt ever made!

Bids for the world record are being closely monitored to ensure there are no pre made blankets entered. Competitors must upload photos of their blankets every hour.

Here are three entries after the first hour.



completed 0.35 of the whole



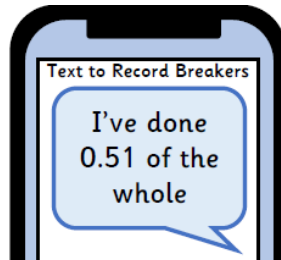
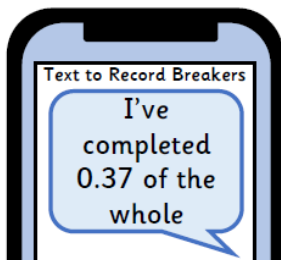
completed 0.23 of the whole



completed 0.58 of the whole

3. How much more of the whole does each competitor have to sew?

Four other competitors sent a text update.



4. How much more do these competitors have to sew until they are complete?