SHINING STAR

PERCENTAGES

1a. There are 100 glue sticks in a box.

Year 5 takes 20/100 of the glue sticks.
Year 3 takes 40% of the glue sticks.

How many does each year group have?
How many are left in the box?
What percentage is this?

1b. There are 100 marbles in a jar.

Alice takes 40/100 of the marbles. Cian takes 40% of the marbles.

How many does each child have?
How many are left in the jar?
What percentage is this?

Year 5 has _____ glue sticks.

Year 3 has _____ glue sticks.

There are _____ glue sticks left.

It is _____%.

Alice has _____ marbles.

Cian has _____ marbles.

There are _____ marbles left.

It is _____%.

2a. Convert the fractions and decimals below into percentages.

$\frac{45}{100}$ $\frac{48}{100}$ 0.04 $\frac{47}{100}$ 0.4

Write the percentages in descending order.

2b. Convert the fractions and decimals below into percentages.

0.5 $\frac{5}{100}$ $\frac{55}{100}$ $\frac{15}{100}$ 0.25

Write the percentages in ascending order.

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LIVEWORKSHEETS

PERCENTAGES

3a. Johnny and Alice are converting fractions and decimals into percentages.

Johnny

0.05 as a percentage is 50%.

$\frac{5}{100}$ as a percentage is 5%.

Alice

Who is correct?

3b. Isabel and Cian are converting fractions and decimals into percentages.

Isabel

0.25 as a percentage is 25%.

$\frac{25}{100}$ as a percentage is 25%.

Cian

Who is correct?

4a. There are 200 sweets in a jar.

Lucy takes 3/10 of the sweets. Alice takes 50% of the sweets.

How many does each child have?
How many are left in the jar?
What percentage is this?

4b. There are 100 pencils in a box.

Class 5 takes 4/10 of the pencils. Class 4 takes 25% of the pencils.

How many does each class have?
How many pencils are left in the box?
What percentage is this?

Lucy has _____ sweets.

Alice has _____ sweets.

There are _____ sweets left.

It is _____ %.

Class 5 has _____ pencils.

Class 4 has _____ pencils.

There are _____ pencils left.

It is _____ %.

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