Measure the mass

Math

Name _____ Class _____ Date _____

Three children measured the mass of an apple using beads.

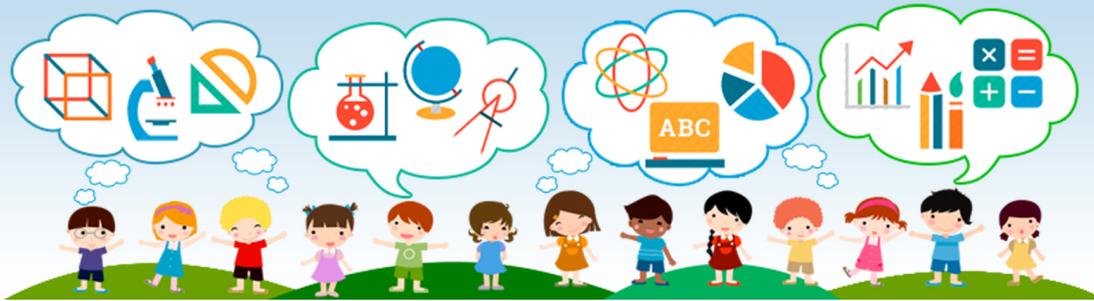| Stef	Jake	Dayna
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Total =	Total =	Total =

Why have they got different results? _____

_____ .

Jake used ____ more beads than Stef.

Stef used ____ more beads than Dayna.

Jake used twice as many beads as _____ .

_____

2 scissors are as heavy as a _____ .

3 scissors are as heavy as a _____ .

A book is twice as heavy as _____ .

20 marbles would balance ____ scissors.

24 marbles would balance ____ staplers.

24 marbles would balance ____ books.

24 marbles would balance ____ scissors.

The mass of a book and scissors is ____ marbles.

The mass of a book and stapler is ____ marbles.

A stapler is three times as heavy as _____

ANSWER KEY

Three children measured the mass of an apple using beads.

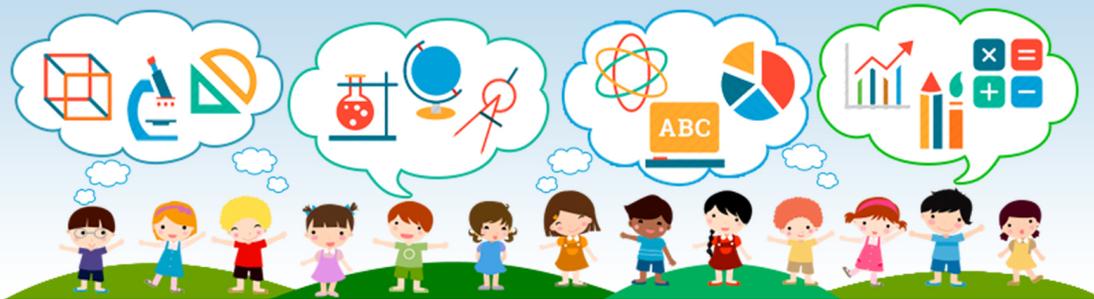| Stef	Jake	Dayna
‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖	‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖	‖‖ ‖‖ ‖‖ ‖‖ ‖‖
Total = 35	Total = 50	Total = 25

Why have they got different results? _____
_____ Because they used different beads _____ .

Jake used _15_ more beads than Stef.

Stef used _10_ more beads than Dayna.

Jake used twice as many beads as _____ Dayna _____ .

2 scissors are as heavy as a _____ book _____ .

3 scissors are as heavy as a _____ stapler _____ .

A book is twice as heavy as _____ scissors _____ .

20 marbles would balance _5_ scissors.

24 marbles would balance _2_ staplers.

24 marbles would balance _3_ books.

24 marbles would balance _6_ scissors.

The mass of a book and scissors is _12_ marbles.

The mass of a book and stapler is _20_ marbles.

A stapler is three times as heavy as _____ scissors _____