Year 6 Maths Activity Mat

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Section 1

Janek has £23. He owes his mother £42. Explain his financial situation.

.....

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Section 2

Calculate in your head:

418 + 381 = ☐

319 + 575 = ☐

819 - 602 = ☐

772 - 193 = ☐

Section 3

Calculate:

12 x (3 + 8) = ☐

(14 + 7) x 7 = ☐

(23 + 13) ÷ 3 = ☐

Section 4

Circle all the equivalent fractions and decimal equivalents to $\frac{3}{8}$

0.3 $\frac{6}{16}$ 0.375 $\frac{12}{32}$ $\frac{1}{3}$ $\frac{8}{24}$

Section 5

A piece of string is divided into eight pieces. The string is 123m long. How long will be each piece of string in metres, rounded to 2 decimal places?

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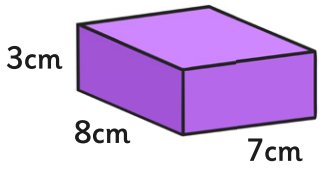
Section 6

Calculate the volume of the cuboid:



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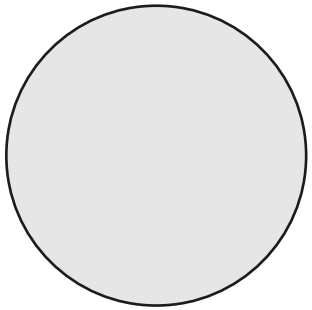
Section 7

Measure the diameter and circumference of this circle:



Diameter: ☐

Circumference: ☐

Section 8

Find the mean of these numbers:

24 18 37 82 17 26

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Year 6 Maths Activity Mat: 5

Answers

Section 1

Janek has £23. He owes his mother £42. Explain his financial situation.

£19 in debt or similar explanation.

Section 2

Calculate in your head:

418 + 381 = **799**

319 + 575 = **894**

819 - 602 = **217**

772 - 193 = **579**

Section 3

Calculate:

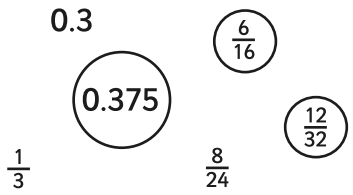
12 x (3 + 8) = **132**

(14 + 7) x 7 = **147**

(23 + 13) ÷ 3 = **12**

Section 4

Circle all the equivalent fractions and decimal equivalents to $\frac{3}{8}$



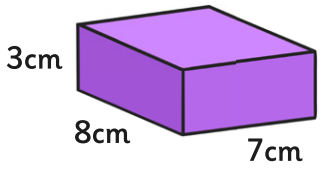
Section 5

A piece of string is divided into eight pieces. The string is 123m long. How long will be each piece of string in metres, rounded to 2 decimal places?

15.38m

Section 6

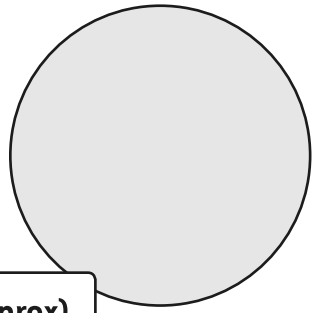
Calculate the volume of the cuboid:



168cm³

Section 7

Measure the diameter and circumference of this circle:



Diameter: **4cm**

Circumference: **12.57cm (approx)**

Section 8

Find the mean of these numbers:

24 18 37 82 17 26

34