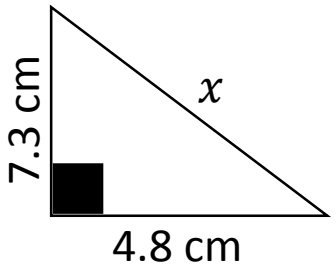
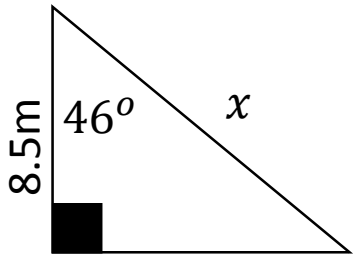
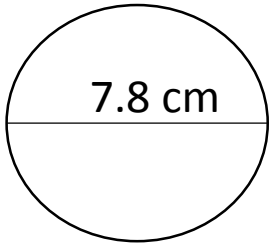
# Quick Wits – Higher 14

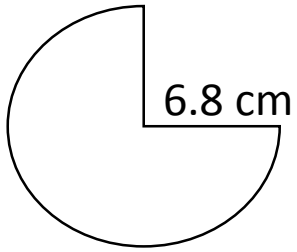
Find the missing length



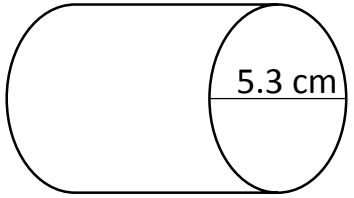



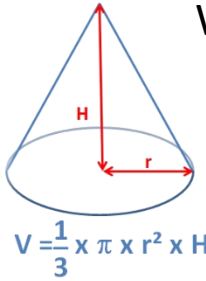

Find the area of the following shapes?




What is the volume of the cylinder?




What is the Volume of the cone?

Height = 7cm

Radius = 4cm

| Time (mins) | Frequency | Midpoint | $fx$ | CF |
|---|---|---|---|---|
| $1 < t \leq 3$ | 4 | | | |
| $3 < t \leq 6$ | 3 | | | |
| $6 < t \leq 10$ | 6 | | | |

Find the mean?

Find the median?

Find an approximate value for x to 1 dp.

$$x^3 - 3x = 143$$

| X | $x^3 - 3x$ | Too big/ small |
|---|---|---|
| | | |
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