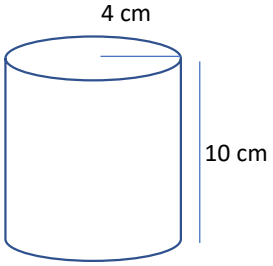
Calculate the volume of the cylinder.

Give your answer:

a) in terms of π and

b) correct to 1 decimal place



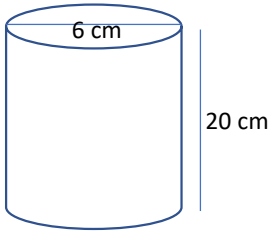
Write down the radius and height **(remember if you are given the diameter, halve it to get the radius)**	r = 4 cm h = 10 cm
Substitute in the formula **$V = \pi r^2 h$**	$V = \pi \times 4^2 \times 10$
Deal with r^2	$V = \pi \times 16 \times 10$
Answer in terms of π **(Remember the units)**	$V = 160\pi$ cm³
Answer to one decimal place using S↔D button **(Remember the units)**	V = 502.7 cm³

Calculate the volume of the cylinder.

Give your answer:

a) in terms of π and

b) correct to 1 decimal place



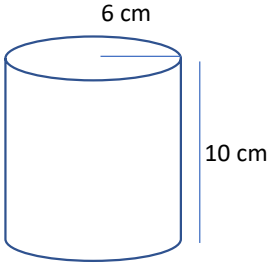
Write down the radius and height **(remember if you are given the diameter, halve it to get the radius)**	r = 3 cm h = 20 cm
Substitute in the formula **$V = \pi r^2 h$**	$V = \pi \times 3^2 \times 20$
Deal with r^2	$V = \pi \times \ldots\ldots \times \ldots\ldots$
Answer in terms of π **(Remember the units)**	V = …… cm³
Answer to one decimal place using S↔D button **(Remember the units)**	V = …… cm³

Calculate the volume of the cylinder.

Give your answer:

a) in terms of π and

b) correct to 1 decimal place



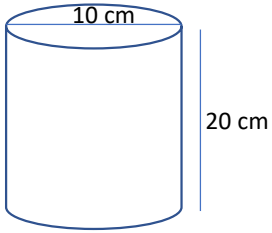
Write down the radius and height **(remember if you are given the diameter, halve it to get the radius)**	r = 6 cm h = 10 cm
Substitute in the formula **$V = \pi r^2 h$**	V = π × …… × ……
Deal with r^2	V = π × …….. × ……..
Answer in terms of π **(Remember the units)**	V = ……. cm^3
Answer to one decimal place using S↔D button **(Remember the units)**	V = ……. cm^3

Calculate the volume of the cylinder.

Give your answer:

a) in terms of π and

b) correct to 1 decimal place



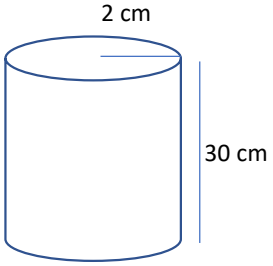
Write down the radius and height **(remember if you are given the diameter, halve it to get the radius)**	r = 5 cm h = 20 cm
Substitute in the formula **$V = \pi r^2 h$**	V = π × …….. × ……..
Deal with r^2	V = π × …… × ……..
Answer in terms of π **(Remember the units)**	V = ……. cm^3
Answer to one decimal place using S↔D button **(Remember the units)**	V = ……. cm^3

Calculate the volume of the cylinder.

Give your answer:

a) in terms of π and

b) correct to 1 decimal place



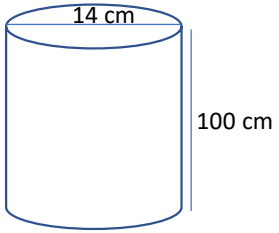
Write down the radius and height **(remember if you are given the diameter, halve it to get the radius)**	r =……. cm h = ……. cm
Substitute in the formula **$V = \pi r^2 h$**	V = π × …… × ……
Deal with r^2	V = π × …….. × …….
Answer in terms of π **(Remember the units)**	V = …….
Answer to one decimal place using S↔D button **(Remember the units)**	V = …….

Calculate the volume of the cylinder.

Give your answer:

a) in terms of π and

b) correct to 1 decimal place



Write down the radius and height **(remember if you are given the diameter, halve it to get the radius)**	r = ……. cm h = ……. cm
Substitute in the formula **$V = \pi r^2 h$**	V = π × …….. × ……
Deal with r^2	V = π × …… × ……..
Answer in terms of π **(Remember the units)**	V = …….
Answer to one decimal place using S↔D button **(Remember the units)**	V = …….