## Destination: Pythacoras' TheOrem

1. Calculate
(a) $9^{2}$
(b) $12^{2}$
(c) $15^{2}$
2. Given $\mathrm{a}=4$ and $\mathrm{b}=5$ work out $\mathrm{a}^{2}+\mathrm{b}^{2}$
3. Work ou
(a) $\sqrt{ } 36$ (b) $\sqrt{ } 49$
(c) $\sqrt{ } 100$
4. What is the area of the square shown below?

5. Work out the area of a square of side length 8 cm
6. Round 16.3467 to 2 decimal places
7. What is 21.384 to 1 significant figure?
8. What is used to show that one of the angles in a triangle is $90^{\circ}$ ?
*One of the below shows $\sqrt{ } 60$ (rounded to 2 decimal places) but which one?
(a) 10.92
(b) 7.75
(c) 2.43
(d) 9.76

READY FOR TAKE=OFF
Name: $\qquad$
Marks:
 THINGS TO REMEMBER: How do you know?
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## READY FOR TAKE-OFF



