Die Stelling van Pythagoras (Graad 8)

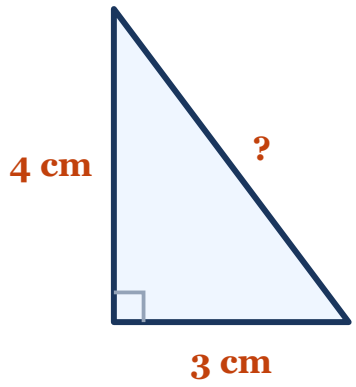
WERKKAART

Naam: _____ Klas: _____

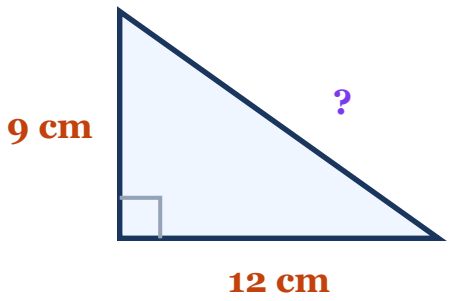
Datum: _____ PUNT ____ / 19

Beantwoord al die vrae. Toon al jou bewerkings — punte word vir die metode sowel as vir die finale antwoord toegeken.

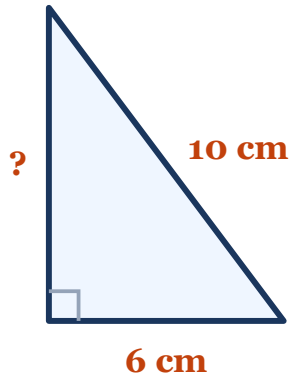
1 Bepaal die skuinssy: sye van 3 cm en 4 cm. (2)



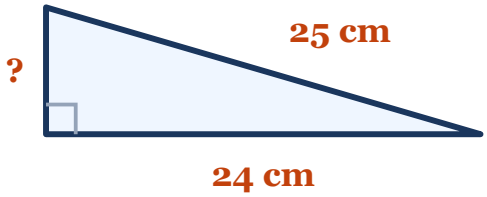
2 Bepaal die skuinssy: sye van 9 cm en 12 cm. (2)



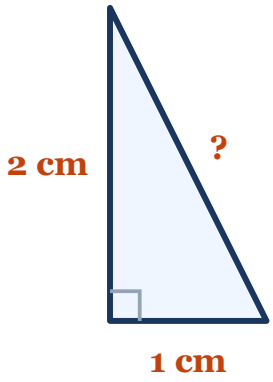
3 Bepaal die ontbrekende sy: skuinssy 10 cm, een sy 6 cm. (2)



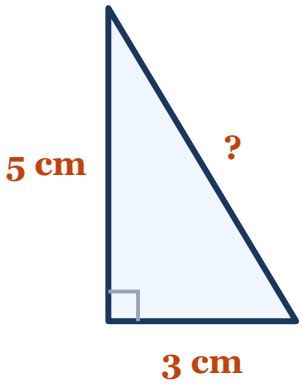
4 Bepaal die ontbrekende sy: skuinssy 25 cm, een sy 24 cm. (2)



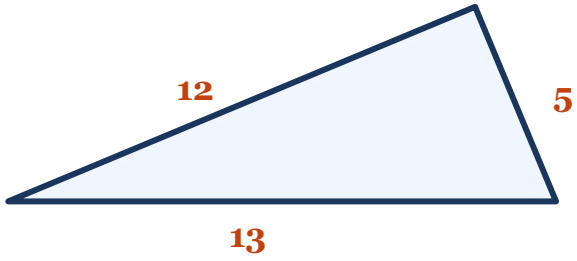
5 Bepaal die skuinssy in wortelvorm: sye van 1 cm en 2 cm. (2)



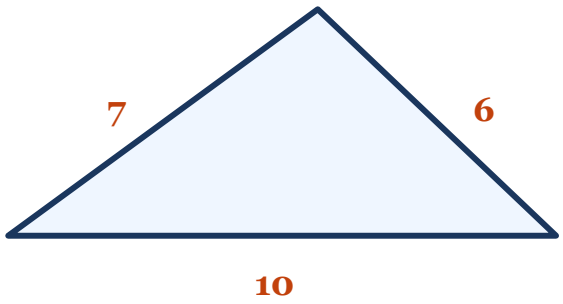
6 Bepaal die skuinssy in wortelvorm: sye van 3 cm en 5 cm. (2)



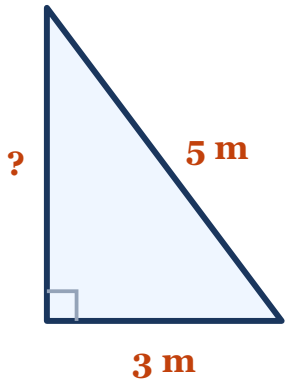
7 Is 'n driehoek met sye 5, 12, 13 reghoekig? (2)



8 Is 'n driehoek met sye 6, 7, 10 reghoekig? (2)



9 'n Leer van 5 m lank staan 3 m van 'n muur af. Hoe hoog teen die muur reik dit? (3)



TOTAAL: 19 punte

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