
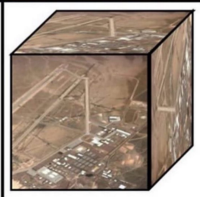


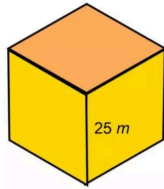
Area 51	
Volume 51	

24

have...

POD #21

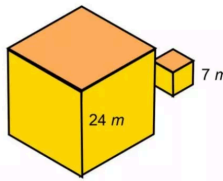
Would you rather...



25 m

A cube of gold, 25 m on each side... ?

or



24 m 7 m

Two cubes of gold:
one is 24 m per side, one is 7 m per side. ?

25

Determine your height in centimetres by direct measurement or converting using 1 inch = 2.54 cm

POD #22

26

1. Reason.

What comes next in the pattern?
A1, B13, C135, D1357, ? ,

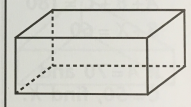
2. Solve.

$A = C - B$
 $C + D = E$
If $A = 70$, $B = 20$, and $E = 100$, find D .

POD #23

Describe the pattern in words

3. Sketch.



Name this shape

27

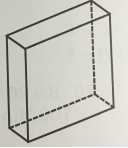
1. Reason.

What comes next in the pattern?
BALK, KBAL, LKBA, ? ,

2. Solve.

$A + B + C = 180$
 $B + X = 60$
If $A = 70$ and $C = 50$, find X .

3. Sketch.



Name this shape

POD #24

Describe the pattern in words

28

Two sides of a triangle are 15 cm and 20 cm long.

What lengths are possible for the third side?

POD #25

29

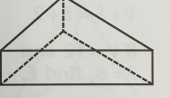
1. Reason.

What comes next in the pattern?
A, B, D, C, E, F, H, G, ? ,

2. Solve.

$A + B + C + D = 360$
 $A + B = 120$
If $C = 110$, find D .

3. Sketch.



Name this shape


POD #26

Describe the pattern in words

30

POD #27

Would you rather...

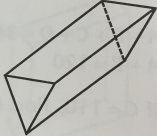


31

The third side of an isosceles triangle is longer than the two congruent sides. What is the smallest measure of the apex angle (the angle between the two congruent sides)?

POD #28

32

<p>1. Reason.</p> <p>What comes next in the pattern?</p> <p>1, 2, 3, 6, 11, 20, 37, 68, <u> ?</u> ,</p>		<p>POD #29</p> <p>Describe the pattern in words</p>
<p>2. Solve.</p> <p>$V + F = E + 2$</p> <p>If $V = 12$ and $F = 8$, find E.</p>	<p>3. Sketch.</p>  <p>Name this shape</p>	

33

POD # 30


Would you rather....

State your assumptions

Justify your answer mathematically

Make sure you answer the question!

Pay for 3 gifts and get 1 free
OR
Use a coupon for 20% off?



34