

1 Warm-up: Face Facts

2-min Fluency Warm-up — Faces in a flash!

Faces on a cube: _____

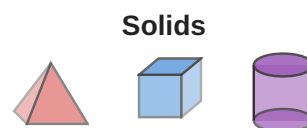
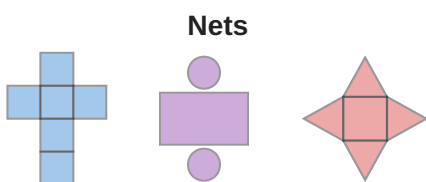
Vertices on a cube: _____

Faces on a sphere: _____

Vertices on a cone: _____

2 Match Nets to Solids

A **net** is a solid unfolded flat — like unwrapping a box! Draw a line from each net to the solid it folds into.



3 Show Two Different Ways

Show Two Different Ways — How can you tell the cross-shaped net folds into a cube and NOT a pyramid?

Ideas: count the faces in the net; look at the SHAPE of each face.

Way 1: _____

Way 2: _____

4 Word Problems

Read carefully. Think about what is happening.

A cereal box is a rectangular prism. Kim unfolds it flat to recycle it. How many rectangle faces will she see in the flattened box?

My thinking: _____

_____ faces

A pyramid net has 1 square and 4 triangles. If Ben cuts out 3 pyramid nets, how many triangles does he cut in all?

My thinking: _____

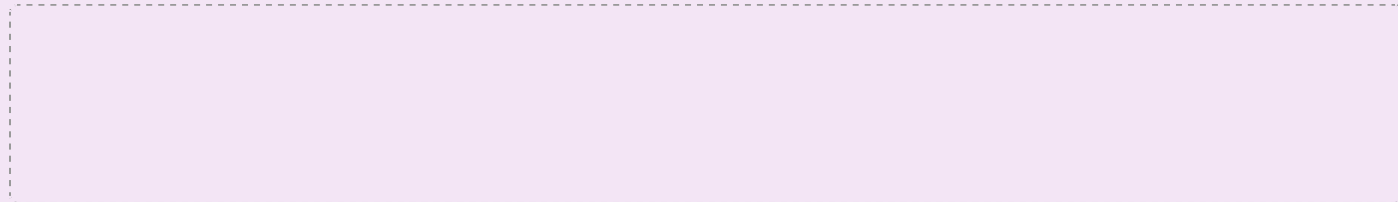
_____ triangles

5 Challenge: Create Your Own Net

Create Your Own Net

Try to draw a net for a cube that is DIFFERENT from the cross shape above. (There are 11 different cube nets!)

Remember: exactly 6 squares.



Bonus: cut it out and try folding it. Did it work? _____