

September Spiral Math Quiz Review

Review each problem this weekend. If you understand and can answer each one correctly, you will probably do very well on Monday’s quiz.

1.

Complete the charts.

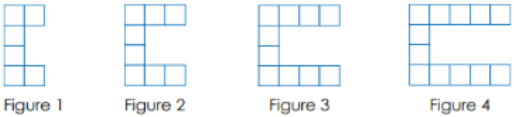
Standard Form	894	87.65	1 000 326
Word Form			
Expanded Form			
Expanded Form with Powers			

2.

Look at the following patterns, and explain and justify the pattern rule for each.



Pattern rule: $3n + 1$



Pattern rule: $2n + 4$

3.

What does 5^3 mean?

Then estimate and determine the answer for each the following using a calculator to check:

3^4

4^3

10^3

$(-2)^5$

4.

	Pyramid	Prism	Cylinder
Properties of base(s)			
Properties of Faces			
Edges and Vertices			

5.

$$-2 \times -2 =$$

$$-4 \times 4 =$$

$$12 \div (-4) =$$

$$(-192) \div (-8) =$$

$$34 \times (-27) =$$

6.

$$-18 + 27 =$$

$$37 + (-12) =$$

$$(-258) + (-67) =$$

$$-25 \times 3 =$$

$$-10 \times 10 =$$

$$-15 \times -25 =$$

$$-234 \times -54 =$$

$$-512 \times 5 \times -8 =$$