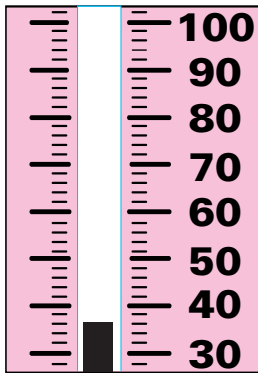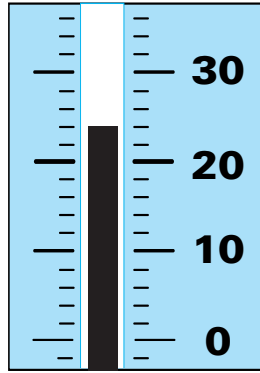**1.   Write the temperature.**
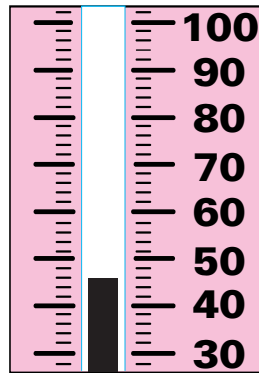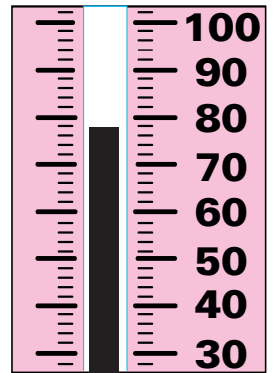
_____ °   _____ °   _____ °   _____ °
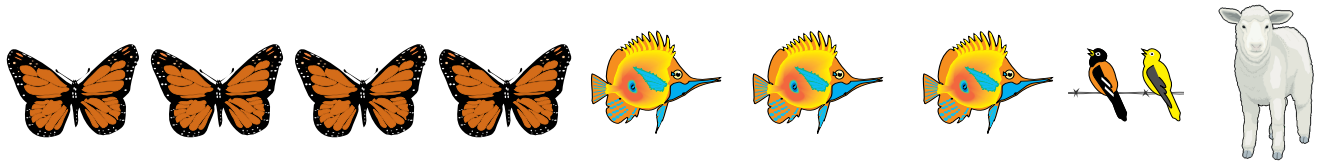
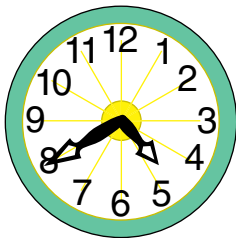**2.   Write the ratio.**

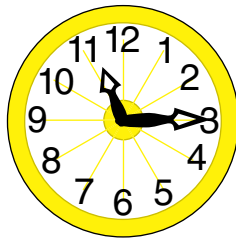   birds to fish   : _____   butterflies to lambs   : _____

          butterflies and birds to fish and lambs   : _____

3.   Write the correct time.
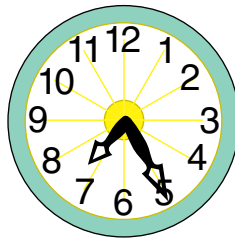
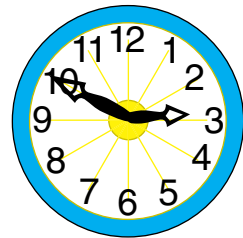   ____ : ____   ____ : ____   ____ : ____   ____ : ____

4.   Write ones', tens', hundreds', or thousands'.

          2,483 has a 8 in the _____ place.
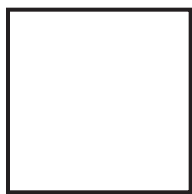
          2,483 has a 2 in the _____ place.
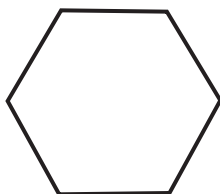
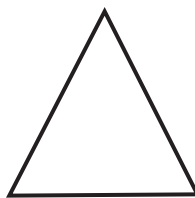   9,048 has a 8 in the _____ place.

          9,048 has a 0 in the _____ place.

5. **Name the shape. Draw a line of symmetry for each shape.**

_____   _____   _____   _____

_____   _____   _____   _____
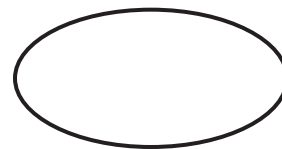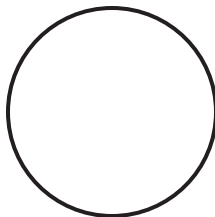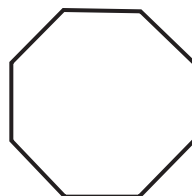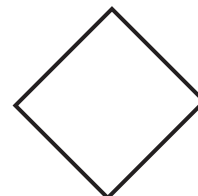
6. **Write < or >.**

7. **Circle the next picture in sequence.**
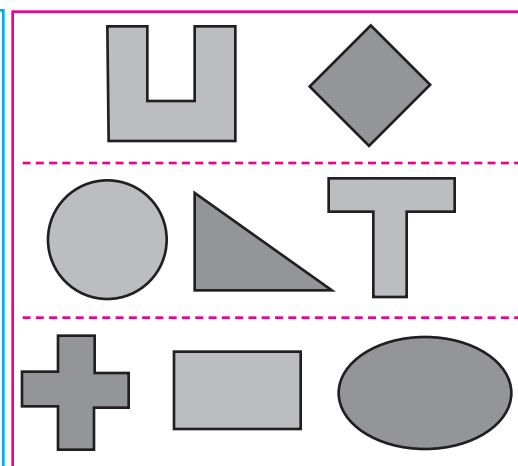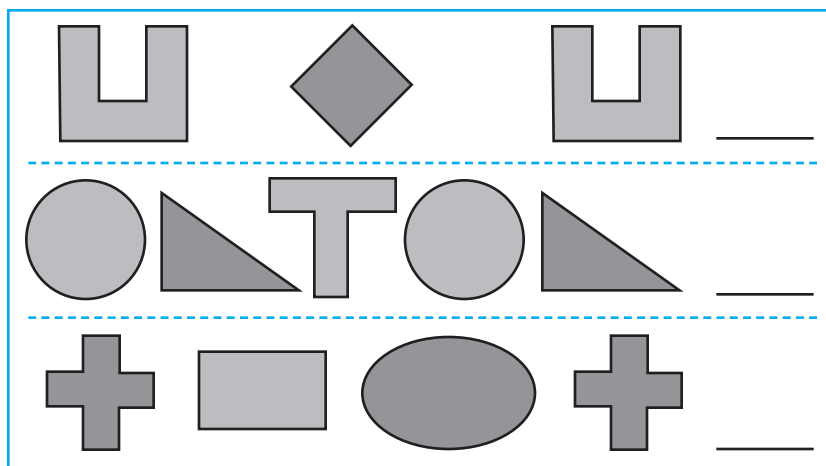
8. Find the area.

_____ square units   _____ square units

_____ square units

9. Find the volume.

_____ cubic units   _____ cubic units   _____ cubic units

10. Write what the shaded fractional part of the whole equals.

_____ of _____ = _____   _____ of _____ = _____

11. Find the sum and difference.

5,145	3,664	4,573	8,902	9,731	6,924
+ 3,369	+ 3,188	+ 5,157	- 7,837	- 4,652	- 1,539

12. Find the product.

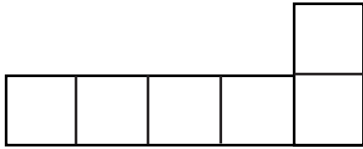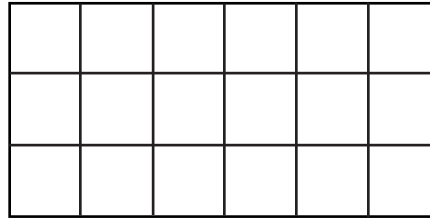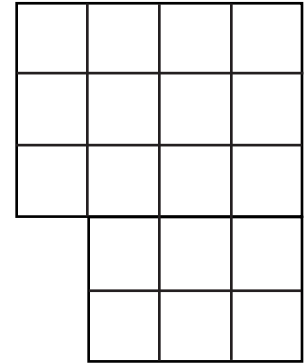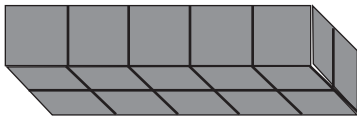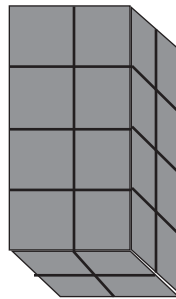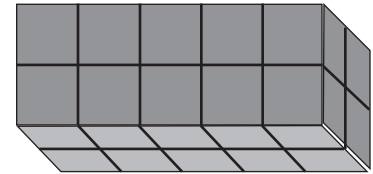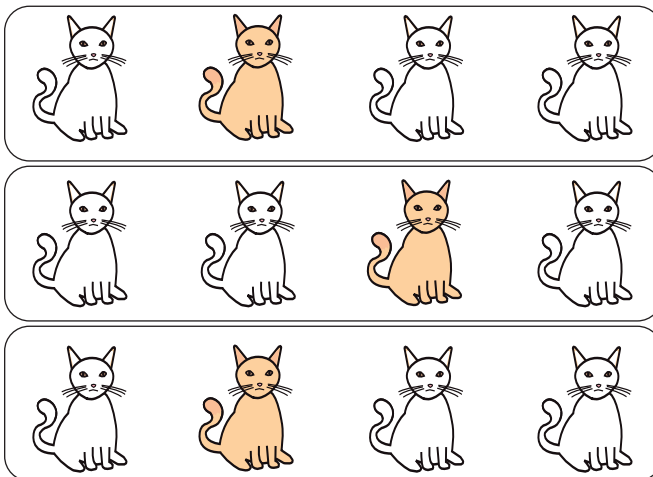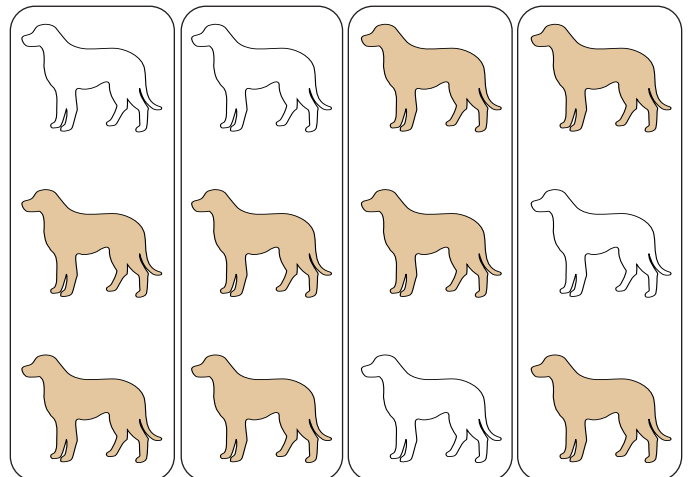| 3	7	5	6	8	3	2	4	3
x 3	x 0	x 9	x 6	x 4	x 4	x 9	x 4	x 7

13. Write the name of the solid.

_____ _____ _____ _____ _____

14. Write the answers.

Is 23 closer to 20 or 30? ____.   Is 62 closer to 60 or 70? ____.

Is 51 closer to 50 or 60? ____.   Is 38 closer to 30 or 40   ____.

Is 87 closer to 80 or 90   ____.   Is 46 closer to 40 or 50? ____.

15. Write the Arabic numbers.

CCCXCV   ____   XXXVI   ____

LXXIV   ____   CXXVII   ____
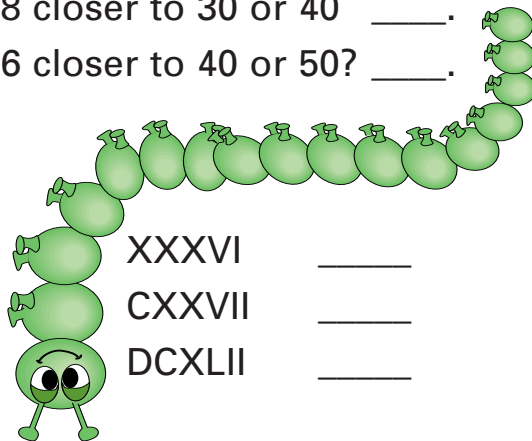
DCCCLXIX ____   DCXLII   ____

16. In the rose garden, there were seven hundred forty-seven red rose
buds. There were five hundred eighty-three yellow rose buds. How
many more red rose buds were there than yellow?

Mr. Nelson asked mother to buy 15 bunches of carrots for $ 4.83.
Mother bought 12 heads of lettuce for $ 8.36. Junior asked his mother
to buy tomatoes for $ 2.62. How much would mother's bill be for the
three items?

GRADE 3   Horizons Math Readiness Evaluation   Student Score_____

Count each individual answer as a separate point. The total for the test is 70 points. The student should achieve a score of 50 or more points to be ready to begin third grade. Be sure to note the areas of weakness even for those who score over 50 points.

1.   Write the temperature.

__36__ °   __24__ °   __46__ °   __78__ °

2.   Write the ratio.

birds to fish **2 : 3**   butterflies to lambs **4 : 1**

butterflies and birds to fish and lambs **6 : 4**

3.   Write the correct time.

__4 : 40__   __11 : 15__   __7 : 25__   __2 : 50__

4.   Write ones', tens', hundreds', or thousands'.

2,483 has a 8 in the __tens'__ place.
2,483 has a 2 in the __thousands'__ place.
9,048 has a 8 in the __ones'__ place.
9,048 has a 0 in the __hundreds'__ place.

5.   Name the shape. Draw a line of symmetry for each shape.

__square__   __hexagon__   __triangle__   __oval__

__rectangle__   __circle__   __octagon__   __diamond__

6.   Write < or >.

__<__

__>__

7.   Circle the next picture in sequence.

8.   Find the area.

__6__ square units   __18__ square units

__18__ square units

9.   Find the volume.

__10__ cubic units   __16__ cubic units   __20__ cubic units

10.   Write what the shaded fractional part of the whole equals.

$\frac{1}{4}$ of __12__ = __3__

$\frac{2}{3}$ of __12__ = __8__

11.   Find the sum and difference.

5,145	3,664	4,573	8,902	9,731	6,924
+ 3,369	+ 3,188	+ 5,157	- 7,837	- 4,652	- 1,539
8,514	**6,852**	**9,730**	**1,065**	**5,079**	**5,385**

12.   Find the product.

3	7	5	6	8	3	2	4	3
x 3	x 0	x 9	x 6	x 4	x 4	x 9	x 4	x 7
9	**0**	**45**	**36**	**32**	**12**	**18**	**16**	**21**

13.   Write the name of the solid.

__sphere__   __cone__   __cube__   __pyramid__   __cylinder__

14.   Write the answers.

Is 23 closer to 20 or 30? __20__ .   Is 62 closer to 60 or 70? __60__ .
Is 51 closer to 50 or 60? __50__ .   Is 38 closer to 30 or 40 __40__ .
Is 87 closer to 80 or 90 __90__ .   Is 46 closer to 40 or 50? __50__ .

15.   Write the Arabic numbers.

CCCXCV __395__   XXXVI __36__
LXXIV __74__   CXXVII __127__
DCCCLXIX __869__   DCXLII __642__

16.   In the rose garden, there were seven hundred forty-seven red rose buds. There were five hundred eighty-three yellow rose buds. How many more red rose buds were there than yellow? **164**

Mr. Nelson asked mother to buy 15 bunches of carrots for $ 4.83. Mother bought 12 heads of lettuce for $ 8.36. Junior asked his mother to buy tomatoes for $ 2.62. How much would mother's bill be for the three items? **$15.81**