Name _____ Date _____

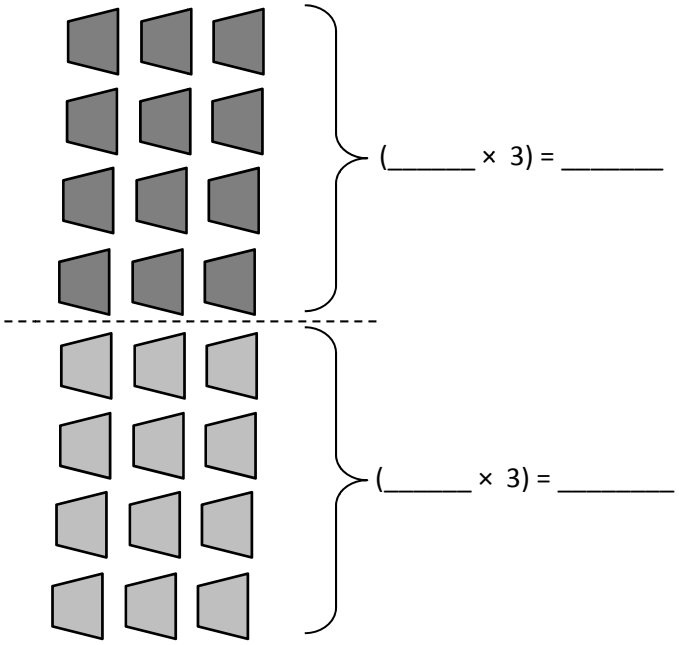
Grade 3

1. Arthur has 4 boxes of chocolates. Each box has 6 chocolates inside. How many chocolates does Arthur have altogether? (G3-M1-L3)

2. Children sit in 2 rows of 9 on the carpet for math time. Erin says, "We make 2 equal groups." Vittesh says, "We make 9 equal groups." Who is correct? Explain how you know using models, numbers, and words. (G3-M1-L8)

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**

3. 8 × 3 = (4 × 3) + (4 × 3) = _____ (G3-M1-L10)



(4 × 3) + (4 × 3) = _____+ _____

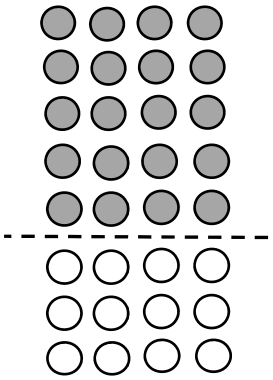
_____× 3 = _____

4. Sarah and Esther equally share the cost of a present. The present costs $18. How much does Sarah pay? (G3-M1-L12)

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**

5. Grace picks 4 flowers from her garden. Each flower has 8 petals. Draw and label a tape diagram to show how many petals there are in total. (G3-M1-L15)

6. 32 ÷ 4 = (G3-M1-L19)



(____ ÷ 4) = _____

(____ ÷ 4) = _____

(32 ÷ 4) = (____ ÷ 4) + (____ ÷ 4)

= _____ + _____

= _____

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**

Grade 4

7. The Turner family uses 548 liters of water each day. The Hill family uses 3 times as much water as the Turner family each day. How much water does the Hill family use each week? (G4-M3-L12)

8. The Grand Market sells 3 pounds of oranges for 87 cents. How much does 1 pound of oranges cost at The Grand Market? (G4-M3-L18)

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**

9. Solve 1,584 ÷ 2: (G4-M3-L33)
   a) Using number disks.
   b) Using the standard algorithm.

10. Solve: 84 × 73. (G4-M3-L38)

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**

Grade 5

11. 3.435 ÷ 3 = _____

Ones	Tenths	Hundredths	Thousandths

$$3\overline{)3.435}$$

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**

12. Solve.

a. $\frac{1}{2}$ of $\frac{1}{3}$ =

b. $\frac{2}{3} \times \frac{3}{4}$ =

13. Use a tape diagram and number line to support your response.

a. $2 \div \frac{1}{4}$ = _____

There are ____ fourths in 1 whole.

There are ____ fourths in 2 wholes.

b. If 2 is $\frac{1}{4}$, what is the whole?

© 2014 Common Core, Inc. All rights reserved. **commoncore.org**