Name _____

1. Find 3×40.

Number of jumps: _____   Size of each jump: _____

$3 \times 40 =$ _____

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2. Find 8×70. $8 \times 70 =$ _____

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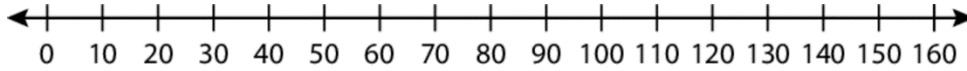
3. Use the Associative Property of Multiplication to find 7×30.

$7 \times 30 = 7 \times ($ _____ $\times 10)$

$7 \times 30 = (7 \times$ _____ $) \times 10$

$7 \times 30 =$ _____ $\times 10$

$7 \times 30 =$ _____

4. Use the Distributive Property to find 6×20.

$6 \times 20 = 6 \times (10 +$ _____ $)$

$6 \times 20 = (6 \times 10) + (6 \times$ _____ $)$

$6 \times 20 =$ _____ $+$ _____

$6 \times 20 =$ _____

---

5. There are 8 packs of markers. Each pack holds 20 markers. You empty the packs and put an equal number of markers at 4 tables. How many markers are at each table?

6. You have 20 blocks. Your friend has 26 blocks. You divide your blocks into 5 equal piles. You give your friend one pile. How many blocks does your friend have now?
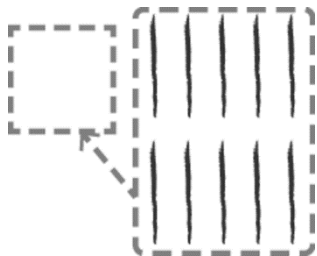
Name_____

7. Newton saves $8 each week for 30 weeks. How much more money does he need to buy a swing set that costs $296? If he continues to save the same amount each week, how many more weeks does he need to save to buy the swing set?

8. A volleyball team earns $40 each week selling baked items. The team wants to buy new sweatpants for $280. After how many weeks can the team buy the sweatpants?

9. Write an equation for the quick sketch.

_____ × _____ = _____

10. Find the number that makes

$10 \times$ _____ $- 25 = 5$ true.

11. Find 5×40. How many hundreds are in the product? How many tens?

_____ hundreds

_____ tens

Name _____

12. There are 3 packs of pencils. Each pack holds 40 pencils. You empty the packs and put an equal number of pencils at 6 tables. How many pencils are at each table?

13. You have 42 books. Your friend has 29 books. You divide your books into 7 equal piles. You give your friend one pile. How many books does your friend have now?

14. Newton saves $7 each week for 50 weeks. How much more money does he need to buy a video game console that costs $413?

If he continues to save the same amount each week, how many more weeks does he need to save to buy the video game console?

15. A golf team earns $30 each week selling T-shirts. The team wants to buy new golf clubs for $210. After how many weeks can the team buy the golf clubs?

16. You read 60 pages a night for 9 nights. How many more pages do you need to read to finish a book that is 775 pages long?

Big Ideas Math: Modeling Real Life Grade 3
Assessment Book