



Minecraft Math Adventure

Multi-Step Multiplication and Word Problems for Grade 4

Name: _____ Date: _____

1 FARMING

Steve plants 4 rows of wheat with 9 wheat stalks in each row. He harvests them all and uses 12 wheat to feed his sheep. How many wheat stalks does he have left?

Work: _____

Answer: _____

2 MINING

Alex finds 5 chests in an abandoned mineshaft, and each chest has 6 iron ingots. If she uses 3 iron ingots to craft each pickaxe, how many pickaxes can she make in total?

Work: _____

Answer: _____

3 BUILDING

Steve has 3 stacks of cobblestone, and each stack has 64 blocks. He uses 110 blocks to build a safety wall around his village. How many cobblestone blocks does he have left?

Work: _____

Answer: _____

4 COMBAT

Alex crafts 4 packs of arrows, with 4 arrows in each pack. Her friend gives her 12 more arrows. If Alex shoots 15 arrows at a group of creepers, how many arrows does she have left?

Work:

Answer: _____

5 TRADING

A farmer villager will buy 4 pumpkins for 1 emerald. Steve harvests 3 pumpkin patches, and each patch has 8 pumpkins. How many emeralds can Steve get by trading all of his pumpkins?

Work:

Answer: _____

6 REDSTONE

Alex is building a secret redstone door. She needs 3 redstone dust for each of her 8 repeaters, and she needs 2 redstone dust for each of her 5 redstone lamps. How many pieces of redstone dust does she need in total?

Work:

Answer: _____

Answer Key

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|----|--|----|
| 1. | Steve plants 4 rows of wheat with 9 wheat stalks in each row. He harvests them all and uses 12 wheat to feed his sheep. How many wheat stalks does he have left? | 24 |
| 2. | Alex finds 5 chests in an abandoned mineshaft, and each chest has 6 iron ingots. If she uses 3 iron ingots to craft each pickaxe, how many pickaxes can she make in total? | 10 |
| 3. | Steve has 3 stacks of cobblestone, and each stack has 64 blocks. He uses 110 blocks to build a safety wall around his village. How many cobblestone blocks does he have left? | 82 |
| 4. | Alex crafts 4 packs of arrows, with 4 arrows in each pack. Her friend gives her 12 more arrows. If Alex shoots 15 arrows at a group of creepers, how many arrows does she have left? | 13 |
| 5. | A farmer villager will buy 4 pumpkins for 1 emerald. Steve harvests 3 pumpkin patches, and each patch has 8 pumpkins. How many emeralds can Steve get by trading all of his pumpkins? | 6 |
| 6. | Alex is building a secret redstone door. She needs 3 redstone dust for each of her 8 repeaters, and she needs 2 redstone dust for each of her 5 redstone lamps. How many pieces of redstone dust does she need in total? | 34 |