



Hogwarts Math Adventures

Solve these magical multi-step word problems using your wizarding math skills!

Name: _____ Date: _____

1 CHOCOLATE FROG CARDS

Harry wants to collect 200 Chocolate Frog cards. He starts with 85 cards. Today, he gets 42 new cards from Ron but loses 15 cards in a wizard duel. How many more cards does Harry need to reach his goal of 200?

Work:

Answer: _____

2 QUIDDITCH CUP

In a Quidditch match, Gryffindor scores 3 goals worth 10 points each. Then Harry catches the Golden Snitch for 150 points. If Slytherin has 120 points, how many more points does Gryffindor have than Slytherin?

Work:

Answer: _____

3 HERBOLOGY CLASS

Neville wants to plant 500 Mandrake seeds. He currently has 3 hundreds and 8 tens of seeds. If Professor Sprout gives him 45 more seeds, how many more seeds does Neville still need to reach 500?

Work:

Answer: _____

4 DIAGON ALLEY SHOPPING

Hermione goes to Diagon Alley with 100 Sickles. She buys a spellbook for 42 Sickles and some parchment for 18 Sickles. She wants to buy a new quill that costs 55 Sickles. How many more Sickles does she need?

Work:

Answer: _____

5 POTIONS INGREDIENTS

Professor Snape has a jar with 250 lacewing flies. He uses 85 flies for a morning potion and 110 flies for an afternoon potion. Then, he adds 45 new flies back into the jar. How many flies are in the jar now?

Work:

Answer: _____

6**OWL POST**

The Hogwarts Owlery has 120 owls resting. In the morning, 48 owls fly out to deliver mail. Later, 15 owls return, but then 32 more owls fly out. How many owls are left resting in the Owlery now?

Work:

Answer: _____

Answer Key

Hogwarts Math Adventures · Grade 3

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|----|---|-----|
| 1. | Harry wants to collect 200 Chocolate Frog cards. He starts with 85 cards. Today, he gets 42 new cards from Ron but loses 15 cards in a wizard duel. How many more cards does Harry need to reach his goal of 200? | 88 |
| 2. | In a Quidditch match, Gryffindor scores 3 goals worth 10 points each. Then Harry catches the Golden Snitch for 150 points. If Slytherin has 120 points, how many more points does Gryffindor have than Slytherin? | 60 |
| 3. | Neville wants to plant 500 Mandrake seeds. He currently has 3 hundreds and 8 tens of seeds. If Professor Sprout gives him 45 more seeds, how many more seeds does Neville still need to reach 500? | 75 |
| 4. | Hermione goes to Diagon Alley with 100 Sickles. She buys a spellbook for 42 Sickles and some parchment for 18 Sickles. She wants to buy a new quill that costs 55 Sickles. How many more Sickles does she need? | 15 |
| 5. | Professor Snape has a jar with 250 lacewing flies. He uses 85 flies for a morning potion and 110 flies for an afternoon potion. Then, he adds 45 new flies back into the jar. How many flies are in the jar now? | 100 |
| 6. | The Hogwarts Owlery has 120 owls resting. In the morning, 48 owls fly out to deliver mail. Later, 15 owls return, but then 32 more owls fly out. How many owls are left resting in the Owlery now? | 55 |