



Unicorn Kingdom Math Quest

Solve multi-step word problems featuring magic, sparkles, and math!

Name: _____ Date: _____

1 RAINBOW STABLES

A unicorn stable has 8 stalls, and each stall requires 6 silver horseshoes. The stable master already has 12 horseshoes and orders the rest, split equally across 4 deliveries. How many silver horseshoes arrive in each delivery?

Work:

Answer: _____

2 ENCHANTED BAKERY

Celestia baked 5 trays of star-berries, with 12 berries on each tray. She saved 15 berries for her own snack and divided the remaining berries equally among 9 baby unicorns. How many star-berries did each baby unicorn receive?

Work:

Answer: _____

3 HORN POLISH SUPPLIES

A magical polish recipe requires 4 vials of moonstone potion per unicorn. Sparkle polishes 7 adult unicorns and uses 8 additional vials for a crystal sculpture. If moonstone vials are sold in boxes of 6, how many total boxes does she need?

Work:

Answer: _____

4 CLOUD FLYING ACADEMY

Three herds flew together across the sky: the first herd had 14 unicorns, the second had 22, and the third had 18. Upon reaching the meadow, they rearranged themselves into 6 equal flight formations. How many unicorns were in each formation?

Work:

Answer: _____

5 RAINBOW BRIDGE REPAIR

A rainbow bridge requires 9 spools of enchanted thread per section for 6 total sections. A severe storm damaged 18 spools worth of thread. If the remaining good spools are shared equally among 3 repair teams, how many spools does each team get?

Work:

Answer: _____

6**GEMSTONE HARVESTING**

Blossom gathered 8 baskets of sparkling crystals with 10 crystals in each basket. She dropped and lost 16 crystals in the forest, then packed the remaining crystals into gift pouches holding 8 crystals each. How many pouches did she fill?

Work:

Answer: _____

Answer Key

Unicorn Kingdom Math Quest · Grade 4

1. A unicorn stable has 8 stalls, and each stall requires 6 silver horseshoes. The stable master already has 12 horseshoes and orders the rest, split equally across 4 deliveries. How many silver horseshoes arrive in each delivery? **9**
2. Celestia baked 5 trays of star-berries, with 12 berries on each tray. She saved 15 berries for her own snack and divided the remaining berries equally among 9 baby unicorns. How many star-berries did each baby unicorn receive? **5**
3. A magical polish recipe requires 4 vials of moonstone potion per unicorn. Sparkle polishes 7 adult unicorns and uses 8 additional vials for a crystal sculpture. If moonstone vials are sold in boxes of 6, how many total boxes does she need? **6**
4. Three herds flew together across the sky: the first herd had 14 unicorns, the second had 22, and the third had 18. Upon reaching the meadow, they rearranged themselves into 6 equal flight formations. How many unicorns were in each formation? **9**
5. A rainbow bridge requires 9 spools of enchanted thread per section for 6 total sections. A severe storm damaged 18 spools worth of thread. If the remaining good spools are shared equally among 3 repair teams, how many spools does each team get? **12**
6. Blossom gathered 8 baskets of sparkling crystals with 10 crystals in each basket. She dropped and lost 16 crystals in the forest, then packed the remaining crystals into gift pouches holding 8 crystals each. How many pouches did she fill? **8**