Arctic Adventures: Fraction Quest with Polar Pals

Math **Grade 4** **Arctic Theme**

🐾 **Help our Arctic friends solve fraction problems during their icy expeditions across the frozen north!**

NAME _____

DATE _____

SCORE _____ / 8

1

Polar bear Papa is dividing a freshly caught seal among his three cubs. If he splits the seal into equal parts and each cub gets 1 part, what fraction of the seal does each cub receive?

_____
_____

2

A penguin named Pip finds an iceberg with 8 fish frozen inside. She shares 1/4 of the fish with her best friend Pebbles. How many fish does Pebbles get?

_____
_____

3

Arctic fox Fiona is building an igloo and needs 12 ice blocks total. She has already stacked 1/2 of them. How many more ice blocks does she need to stack to finish?

_____
_____

4

A narwhal named Nora is collecting ocean treasures. She found 20 shiny shells and gave 3/5 of them to her friend the walrus. How many shells did the walrus receive?

_____
_____

5

Snowy owl Stella is preparing for the long Arctic night by storing food. She has 24 mice in her cache and uses 1/3 of them this week. How many mice does she use?

_____
_____

6

Reindeer Ronaldo is traveling 16 miles across the ice to reach his herd. He has already traveled 1/4 of the journey. How many miles has he traveled so far?

_____
_____

7

A seal pup named Splash collects 15 pebbles from the Arctic shore. He keeps 2/3 of them in his favorite spot. How many pebbles does he keep?

8

Arctic hare Harry is comparing fractions for his hibernation plan. He ate 2/6 of a carrot yesterday and 3/6 of a carrot today. What is the total fraction of carrots he ate?

Answer Key

Math   **Grade 4**   **For Parents and Teachers**

1

Polar bear Papa is dividing a freshly caught seal among his three cubs. If he splits the seal into equal parts and each cub gets 1 part, what fraction of the seal does each cub receive?

ANSWER

1/3

2

A penguin named Pip finds an iceberg with 8 fish frozen inside. She shares 1/4 of the fish with her best friend Pebbles. How many fish does Pebbles get?

ANSWER

2 fish

3

Arctic fox Fiona is building an igloo and needs 12 ice blocks total. She has already stacked 1/2 of them. How many more ice blocks does she need to stack to finish?

ANSWER

6 ice blocks

4

A narwhal named Nora is collecting ocean treasures. She found 20 shiny shells and gave 3/5 of them to her friend the walrus. How many shells did the walrus receive?

ANSWER

12 shells

5

Snowy owl Stella is preparing for the long Arctic night by storing food. She has 24 mice in her cache and uses 1/3 of them this week. How many mice does she use?

ANSWER

8 mice

6

Reindeer Ronaldo is traveling 16 miles across the ice to reach his herd. He has already traveled 1/4 of the journey. How many miles has he traveled so far?

ANSWER

4 miles

7

A seal pup named Splash collects 15 pebbles from the Arctic shore. He keeps 2/3 of them in his favorite spot. How many pebbles does he keep?

ANSWER

10 pebbles

8

Arctic hare Harry is comparing fractions for his hibernation plan. He ate 2/6 of a carrot yesterday and 3/6 of a carrot today. What is the total fraction of carrots he ate?

ANSWER

5/6