

Arctic Friends' Fraction Adventures

Math

Grade 3

Arctic Theme

Help our Arctic friends solve their icy fraction challenges by working through each story problem!

NAME _____

DATE _____

SCORE _____ / 8

1

Petra the polar bear caught a seal and decided to share it with her two cubs. She divided the seal into 3 equal parts. If she gave 1 part to the first cub and 1 part to the second cub, what fraction of the seal did Petra keep for herself?

2

Oliver the Arctic owl found a nest with 8 fish eggs. He gave $\frac{1}{4}$ of the eggs to his best friend Iris the Arctic tern. How many eggs did Oliver give to Iris?

3

A narwhal named Nora swam through an ice canyon that was divided into 4 equal sections. She swam through 3 of the sections to escape from a hungry orca. What fraction of the ice canyon did Nora swim through?

4

Basil the Arctic hare gathered 12 Arctic berries for the winter. He ate $\frac{1}{3}$ of them while relaxing under the Northern Lights. How many berries did Basil eat?

5

A snowy owl named Stella had a piece of Arctic char (fish) that was cut into 6 equal pieces. She shared $\frac{1}{6}$ with her owlet and $\frac{2}{6}$ with her mate. What fraction of the fish did Stella keep?

6

Kai the Arctic fox was exploring an icy glacier that was marked into 5 equal zones for safety. He explored 2 zones before finding a fox den. What fraction of the glacier did Kai explore?

7

A walrus named Walter dove down to search for 20 clams on the ocean floor. He found $\frac{1}{4}$ of them before needing to return to the ice. How many clams did Walter find?

8

Tundra the caribou was crossing a frozen lake that had 8 equally-spaced icebergs. She safely jumped across $\frac{1}{2}$ of them before resting. How many icebergs did Tundra jump across?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Petra the polar bear caught a seal and decided to share it with her two cubs. She divided the seal into 3 equal parts. If she gave 1 part to the first cub and 1 part to the second cub, what fraction of the seal did Petra keep for herself?

ANSWER

$1/3$

2

Oliver the Arctic owl found a nest with 8 fish eggs. He gave $1/4$ of the eggs to his best friend Iris the Arctic tern. How many eggs did Oliver give to Iris?

ANSWER

2 eggs

3

A narwhal named Nora swam through an ice canyon that was divided into 4 equal sections. She swam through 3 of the sections to escape from a hungry orca. What fraction of the ice canyon did Nora swim through?

ANSWER

$3/4$

4

Basil the Arctic hare gathered 12 Arctic berries for the winter. He ate $1/3$ of them while relaxing under the Northern Lights. How many berries did Basil eat?

ANSWER

4 berries

5

A snowy owl named Stella had a piece of Arctic char (fish) that was cut into 6 equal pieces. She shared $1/6$ with her owlet and $2/6$ with her mate. What fraction of the fish did Stella keep?

ANSWER

$3/6$ or $1/2$

6

Kai the Arctic fox was exploring an icy glacier that was marked into 5 equal zones for safety. He explored 2 zones before finding a fox den. What fraction of the glacier did Kai explore?

ANSWER

$2/5$

7

A walrus named Walter dove down to search for 20 clams on the ocean floor. He found $1/4$ of them before needing to return to the ice. How many clams did Walter find?

ANSWER

5 clams

8

Tundra the caribou was crossing a frozen lake that had 8 equally-spaced icebergs. She safely jumped across $1/2$ of them before resting. How many icebergs did Tundra jump across?

ANSWER

4 icebergs