

#1

Hannah bakes a cake using 8 boxes of ingredients. If she wants to bake a cake that is $\frac{2}{3}$ the size of the first cake, how many boxes of ingredients will Hannah need? (Simplify your answer and write it as a proper fraction or a mixed number.)

boxes

Show your work

#2

Hannah grows 5 inches over the summer. If her brother grows $\frac{1}{2}$ that amount, how much did Hannah's brother grow that summer? (Simplify your answer and write it as a proper fraction or a mixed number.)

inches

Show your work

#3

Savannah bakes a cake using 3 boxes of ingredients. If she wants to bake a cake that is $\frac{5}{6}$ the size of the first cake, how many boxes of ingredients will Savannah need? (Simplify your answer and write it as a proper fraction or a mixed number.)

boxes

Show your work

#4

Choose the best answer

Isabelle grows 6 inches over the summer. If her brother grows $\frac{1}{2}$ that amount, how much did Isabelle's brother grow that summer? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ 5

☐ 2

☐ 4

☐ 3

Show your work

#5

Choose the best answer

The cattle at the Boone Farm are fed 3 bales of hay each day. The horses are fed $\frac{3}{4}$ as much hay as the cattle. How many bales of hay are the horses fed each day? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ $2\frac{1}{4}$

☐ $2\frac{5}{8}$

☐ $2\frac{1}{2}$

☐ $2\frac{1}{9}$

Show your work

#6

Choose the best answer

During a week, Diana writes enough to go through 1 lead pencils. How many pencils will she go through in $\frac{1}{2}$ of the time? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ $\frac{1}{10}$

☐ $\frac{1}{6}$

☐ $\frac{5}{6}$

☐ $\frac{1}{2}$

Show your work

#7

During a week, Sydney writes enough to go through 10 lead pencils. How many pencils will she go through in $\frac{1}{2}$ of the time? (Simplify your answer and write it as a proper fraction or a mixed number.)

pencils

Show your work

#8

Choose the best answer

A grapefruit weighs 2 ounces. If an orange is $\frac{6}{7}$ the weight of the grapefruit, how much does the orange weigh? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ $1\frac{5}{7}$

☐ $1\frac{3}{10}$

☐ $1\frac{6}{7}$

☐ $1\frac{5}{9}$

Show your work

#9

Choose the best answer

A bus can hold 8 passengers and a car holds $\frac{5}{8}$ the number of passengers, how many passengers does the car hold? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ 3

☐ 5

☐ 7

☐ 8

Show your work

#10

Choose the best answer

Isabelle grows 7 inches over the summer. If her brother grows $\frac{7}{8}$ that amount, how much did Isabelle's brother grow that summer? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ $6\frac{1}{10}$

☐ $6\frac{2}{3}$

☐ $6\frac{1}{8}$

☐ $6\frac{4}{9}$

Show your work

#11

Choose the best answer

An adult cat can eat 10 pounds of cat food a week. If a kitten can only eat $\frac{1}{2}$ as much as an adult cat, how much cat food can a kitten eat in a week? (Simplify your answer and write it as a proper fraction or a mixed number.)

☐ 5

☐ 4

☐ 7

☐ 2

Show your work

#12

A bus can hold 6 passengers and a car holds $\frac{3}{4}$ the number of passengers, how many passengers does the car hold? (Simplify your answer and write it as a proper fraction or a mixed number.)

passengers

Show your work

Question	Answer
#1	5 1/3
#2	2 1/2
#3	2 1/2
#4	3
#5	2 1/4
#6	1/2
#7	5
#8	1 5/7
#9	5
#10	6 1/8
#11	5
#12	4 1/2