

eMPower™ **ME**

STUDENT TEST BOOKLET

Mathematics

Grade 3





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Practice Test

Directions

Read each question and choose the best answer.

104080A Multiple Choice B;B Common

1. A gym teacher is putting students into teams.
- There are 24 students.
 - There will be 3 students on each team.

Which expression can be used to find the number of teams made by the gym teacher?

- A 24×3
B $24 \div 3$
C $24 + 3$
D $24 - 3$

133675A Multiple Choice D Common

2. Solve.

$$\begin{array}{r} 546 \\ -387 \\ \hline \end{array}$$

- A 259
B 241
C 169
D 159

104853A Multiple Choice A Common

3. Maurice divided a rectangular garden into six equal parts. He plans to grow a different vegetable in each part of the garden as shown below.

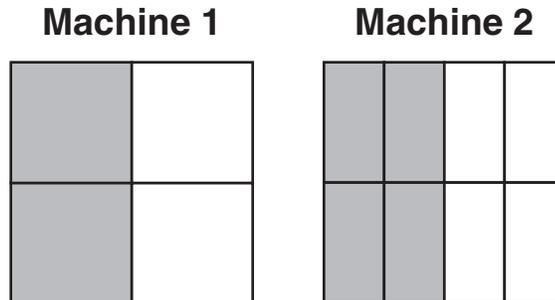
Peas	Tomato	Onion
Squash	Pepper	Potato

What fraction of the garden is Maurice planning to use for onions?

- A $\frac{1}{6}$
- B $\frac{1}{5}$
- C $\frac{5}{6}$
- D $\frac{6}{1}$

108111A Constructed Response Common

4. Two machines at a factory cut large squares of cardboard into smaller pieces as shown below.
- Machine 1 cuts each large square into 4 smaller squares.
 - Machine 2 cuts each large square into 8 rectangles. Each rectangle is the same size.



- What fraction describes the shaded part of the large square cut by Machine 1?
- What fraction describes the shaded part of the large square cut by Machine 2?
- Is the shaded part of the large square for Machine 1 equal in size to the shaded part of the large square for Machine 2? Show your work or explain how you know

At the factory, Machine 3 cuts the large squares of cardboard into 6 rectangles. Each rectangle is the same size.

- How many of the rectangles from machine 3 equal the shaded amount of rectangles from machine 2?

189634A Passage Common

Use the information below to answer questions 5 and 6.

Mr. Neitzel set up 7 rows of folding chairs. There were 9 folding chairs in each row. He placed 2 tables between each row of chairs. Mr. Neitzel also set up 10 high chairs. How many chairs in all did Mr. Neitzel set up?

189635A Multiple Choice C Common

5. What information is **not** needed to solve the problem?
- A the number of rows of folding chairs
 - B the number of folding chairs in each row
 - C the number of tables
 - D the number of high chairs

189636A Multiple Choice B Common

6. Emma used this equation to find the number of folding chairs Mr. Neitzel set up.

$$7 \times 9 = \square$$

Which equation can Emma use to check her work?

- A $\square = 7 + 9$
- B $\square \div 9 = 7$
- C $\square - 7 = 9$
- D $\square \times 9 = 7$

STOP