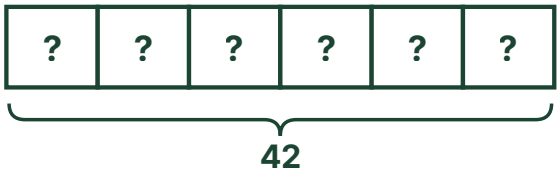
Multiplication Equations

Multiplication

Name: _____ Date: _____ Grade 3

Lesson 1.06 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 6

1 Which multiplication equation represents the diagram?



(A) ? = 6 × 42 (B) 42 × 6 = ? (C) 42 = ? × ? (D) 42 = 6 × ?

2 Nora has 4 bags of oranges. Each bag has 7 oranges. Which equation could be used to find the total number of oranges?

(A) 7 = ? × 4 (B) ? × 7 = 4

(C) ? = 4 × 7 (D) ? = 7 + 4

Use the situation for Problems 3 and 4.
An ant has 6 legs. There are 7 ants on a picnic blanket. How many ant legs are there altogether?

3 Write a multiplication equation to represent the problem. Use a ? to represent the unknown value.

_____

4 Solve for the number of ant legs.

Show or explain your thinking.

answer: _____ ant legs

Multiplication Equations

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Name: _____ Date: _____ Grade 3

Lesson 1.06 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 6

Use the situation for Problems 5 and 6.
There are 3 soccer teams. Each team has 11 players. How many players are there altogether?

5 Write a multiplication equation to represent the problem. Use a ? to represent the unknown value.

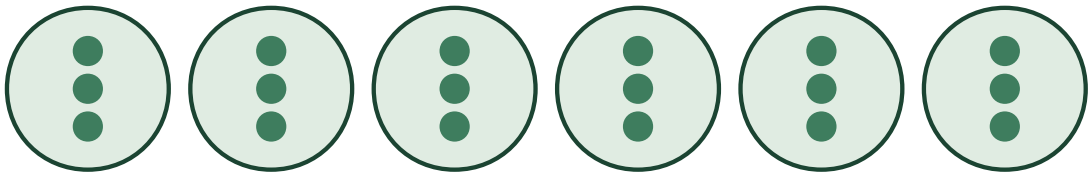
_____

6 Solve for the number of players.

Show or explain your thinking.

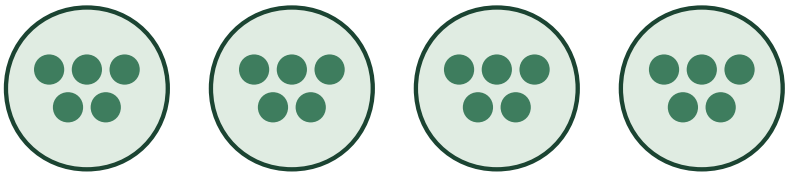
answer: _____ players

7 Which multiplication equation represents the diagram?



(A) ? = 18 × 3 (B) 18 = ? × 3 (C) 18 = 2 × ? (D) ? × 3 = 6

8 Complete the equation.



_____ groups of _____ = _____ total

Multiplication Equations

ANSWER KEY

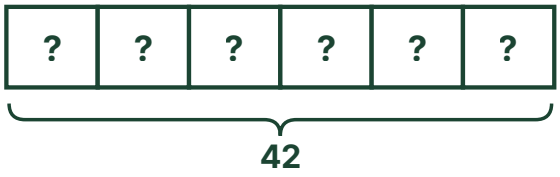
Multiplication

Name: _____ Date: _____ Grade 3

Lesson 1.06

Amplify Alignment: Grade 3 · Unit 1 · Lesson 6

1 Which multiplication equation represents the diagram?



(A) ? = 6 × 42 (B) 42 × 6 = ? (C) 42 = ? × ? (D) 42 = 6 × ?

2 Nora has 4 bags of oranges. Each bag has 7 oranges. Which equation could be used to find the total number of oranges?

(A) 7 = ? × 4
(B) ? × 7 = 4
(C) ? = 4 × 7
(D) ? = 7 + 4

Use the situation for Problems 3 and 4.
An ant has 6 legs. There are 7 ants on a picnic blanket. How many ant legs are there altogether?

3 Write a multiplication equation to represent the problem. Use a ? to represent the unknown value.

? = 7 × 6

4 Solve for the number of ant legs.

Show or explain your thinking.

7 groups of 6: 6, 12, 18, 24, 30, 36, 42

answer: 42 ant legs

Multiplication Equations

ANSWER KEY

Multiplication

Name: _____ Date: _____ Grade 3

Lesson 1.06 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 6

Use the situation for Problems 5 and 6.
There are 3 soccer teams. Each team has 11 players. How many players are there altogether?

5 Write a multiplication equation to represent the problem. Use a ? to represent the unknown value.

? = 3 × 11

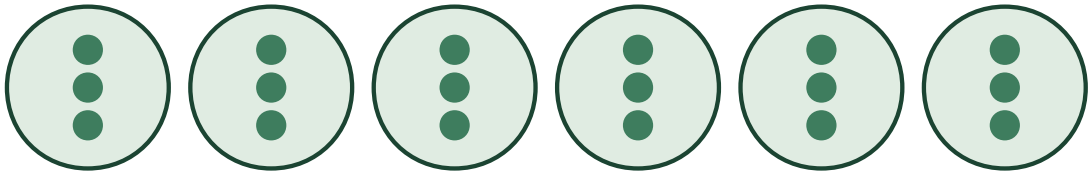
6 Solve for the number of players.

Show or explain your thinking.

11 + 11 + 11 = 33

answer: **33** players

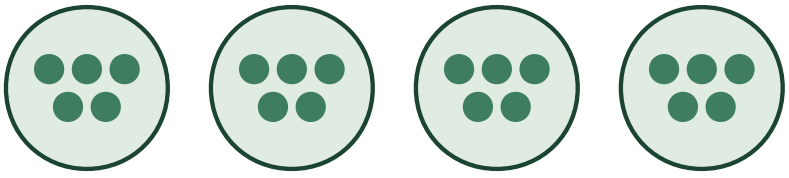
7 Which multiplication equation represents the diagram?



(A) ? = 18 × 3 (B) 18 = ? × 3 (C) 18 = 2 × ? (D) ? × 3 = 6

B — 6 groups of 3 make 18, so 18 = 6 × 3.

8 Complete the equation.



4 groups of **5** = **20** total