Unit 9, Lesson 11

Which Three Go Together

Let's create a Which Three Go Together.

Warm-up

Which Three Go Together: Strings of Numbers

Which 3 go together?

A. 0, 4, 8, 12, 16

B. 3, 6, 9, 12, 15

C. 5, 105, 205, 305, 405

D. 6, 60, 600, 6,000, 60,000

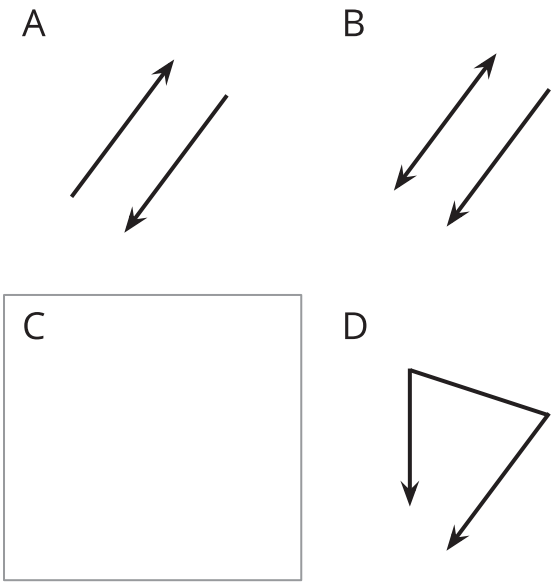
Activity 1

Which Three Go Together: Design 1

Choose either the problem with geometric figures or numbers. Then complete the Which Three Go Together.

Geometric Figures

Which 3 go together?



Decide on a fourth figure to complete the Which Three Go Together.

For each group of 3 figures, discuss one reason why they go together.

- A, B, and C go together because:
- A, B, and D go together because:
- A, C, and D go together because:
- B, C, and D go together because:

Numbers

Which 3 go together?



Decide on a fourth number to complete the Which Three Go Together.

For each group of 3 numbers, discuss one reason why they go together.

- A, B, and C go together because:

- A, B, and D go together because:

- A, C, and D go together because:

- B, C, and D go together because:

Activity 2

Which Three Go Together: Design 2

Here is an incomplete Which Three Go Together. It has two missing expressions.

Which 3 go together?

A

$(4 + 3) \times (2 - 1)$

B

$(4 + 3) + (2 - 1)$

C
D

Write 2 expressions to complete the Which Three Go Together.

For each group of 3 expressions, discuss one reason why they go together.

- A, B, and C go together because:
- A, B, and D go together because:
- A, C, and D go together because:
- B, C, and D go together because:

Activity 3

Which Three Go Together: Design 3

Create your own Which Three Go Together? about any mathematical idea you want others to notice.

Which 3 go together?

A

B

C

D