

TRIPLES ACTIVITY

22 Classify $\angle 1$ and $\angle 2$ using the most appropriate angle pair name.

13 Classify $\angle 1$ and $\angle 2$ using the most appropriate angle pair name.

15 Classify $\angle 1$ and $\angle 2$ using the most appropriate angle pair name.

1 Classify $\angle 1$ and $\angle 2$ using the most appropriate angle pair name.

7 Classify $\angle 1$ and $\angle 2$ using the most appropriate angle pair name.

ANGLE PAIRS *along a Transversal*

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ANGLE PAIRS ON A TRANSVERSAL

triples activity

Objective: Students will practice classifying angle pairs along a transversal with this Triples Activity. This activity includes alternate interior angles, alternate exterior angles, consecutive interior angles, consecutive exterior angles, corresponding angles, vertical angles, a linear pair, and angle pairs that have no named relationship.

Description: There are 24 total cards with diagrams. Once matched, there will be 8 sets of 3 cards, each with the same angle pair name. (I also included 8 additional cards with the name of the classification if you wish to use those as well for students to use to name their triples)

Ways to use this activity:

(1) I recommend that students work in groups of 2-4 for this activity. Print the cards and distribute to each group. They cut out the cards and divide them up between the group members so each person is responsible for certain cards. Once the classification is determined for each card, they match all the "triples" together. The triples are the cards with the matching answers. Each triple will also have a card with the appropriate angle pair name.

I have my students staple their triples together and place in a zip-lock bag for a grade. Simply write their names on the bag with a sharpie. I provided a simple answer key for you to use to ensure they are matched together correctly.

(2) Use the activity as a means to group students! Give each student one card. Students must look for the two people in the room with a card with the same answer.

SAMPLE TRIPLES (WITH ANGLE PAIR NAME):

The image displays several sample cards for the activity. On the left, there are two cards with angle pair names: "ALTERNATE EXTERIOR Angles" and "LINEAR PAIR". To the right, there are six numbered cards (1, 7, 13, 15, 22, 24) each containing a diagram of two lines intersected by a transversal and a question: "Classify $\angle 1$ and $\angle 2$ using the most appropriate angle pair name." The diagrams show various configurations of angles 1 and 2, such as alternate exterior angles, linear pairs, and other transversal relationships.