

Triple Play

Object: to have the most triples at the end of the game

Materials needed: one set of *Triple Play* cards for each group

Number of players: 3–4

Teacher Preparation

Print out, copy, and cut apart one set of *Triple Play* cards for each group of 3–4 students. You may want to mount the cards on card stock before cutting them out.

Game Play

• **Playing the game**

The deck consists of cards with either a fraction, a decimal, or a percent printed on them.

Each player receives five cards. The remainder of the deck is placed face down in the middle of the group for all to reach. The player to the dealer's left goes first. The players then take turns, going clockwise.

At any time, players may remove and discard triples from their hands. A triple is a fraction card, a decimal card, and a percent card that are all equivalent.

Play begins with Player 1 asking any other player for a specific card. For example, if Player 1 has the $\frac{3}{5}$ card, he or she might ask Player 2 for the 60% card.

If Player 2 has the 60% card *or any cards equivalent to 60%*, he or she must give the card or cards to Player 1, and the turn is over.

If Player 2 does not have any cards equivalent to 60%, Player 1 takes the top card from the deck, and the turn is over.

Play continues until the deck is used up. If at any time a player runs out of cards, that player draws three cards from the top of the deck.

• **Winning the game**

The player with the most triples at the end of the game is the winner.

• **Variations**

When a player is given a card that he or she requested, the player repeats a turn.

When a player draws a card from the top of the deck, and that card is the one he or she requested on that turn, the player repeats a turn.

1.0

100%

1

0.15

15%

$\frac{3}{20}$

0.42

42%

$\frac{21}{50}$

0.9

90%

$\frac{9}{10}$

$0.\overline{4}$

$44.\overline{4}\%$

$\frac{4}{9}$

0.1

10%

$\frac{1}{10}$

0.25

25%

$\frac{1}{4}$

0.2

20%

$\frac{1}{5}$

$0.\overline{3}$

$33.\overline{3}\%$

$\frac{1}{3}$

0.75

75%

$\frac{3}{4}$

0.4

40%

$\frac{2}{5}$

0.8

80%

$\frac{4}{5}$