30.

Divide It, Match It

Topic: Division facts

Level: Grade 4

Number of
Players: 2–4

Materials and
Preparation: Prepare 52 7 1/2 cm x 12 1/2 cm cards so that 9 of them display a division fact whose quotient is 5, 9 of them display a division fact whose quotient is 6, and so on for quotients 7, 8, and 9. Seven cards have no division facts, but display the words "Math Wizard."

Procedure: Each player is dealt 5 cards; the remaining cards are placed face down on the centre of the table. The first player puts 1 division fact card face up on the table and gives the answer to the problem shown. The next player must place a card with the same quotient on the first card. If unable to match the quotient, the player places a Math Wizard card on top, and then a card with a different quotient for the next player to match. If unable to make either move, the player draws from the deck until able to play.

The first player with no cards wins the game.

Sample Facts for Card Development

5 as quotient: $5 \div 1$, $10 \div 2$, $15 \div 3$, $20 \div 4$, $25 \div 5$, $30 \div 6$, $35 \div 7$, $40 \div 8$, $45 \div 9$

6 as quotient: $6 \div 1$, $12 \div 2 \ldots 54 \div 9$

7 as quotient: $7 \div 1$, $14 \div 2 \ldots 63 \div 9$

8 as quotient: $8 \div 1$, $16 \div 2 \ldots 72 \div 9$

9 as quotient: $9 \div 1$, $18 \div 2 \ldots 81 \div 9$

MATH
WIZARD