



FLUENCY GAME SAMPLE



enVision[®]
MATHEMATICS

Each topic features hands-on board games and fluency games to build understanding and reinforce skills throughout the year.



Just the Facts, Please!

Subtraction 0–20 Facts

2 Players

Materials

- Opaque bag or box
- Just the Facts, Please! Subtraction 0–20 Facts Cards
- Sorting Mat

Directions

- Players mix up the facts cards and put them in an opaque bag or box.
- Players take turns drawing cards until all cards are gone.
- Players arrange their cards, so the front side (the “no answer” side) faces up. Through play, players sort the cards into two piles—“Automatic” (which are facts they can easily recall) and “Working on These” (which are facts they are still learning).
- Player 1 selects one of their cards and shows the front of the card to Player 2. Player 2 says the answer as a complete equation (e.g., for $5 - 3$, the player says, “Five minus three equals two”). Player 1 uses the back of the card to confirm the equation is correct.
- If the equation is correct and answered automatically, the card goes in Player 2’s “Automatic” pile. If it took some thought or a strategy to answer, or if it was incorrect, the card goes in Player 2’s “Working on These” pile.
- Repeat these steps with Player 2 selecting a card for Player 1. Continue choosing cards back and forth until all the cards have been sorted into “Automatic” and “Working on These” piles.

- Players place the “Working on These” facts back in the box and repeat the game.

Example

Players 1 and 2 draw cards and arrange them face up.

Player 1 shows Player 2 this card:

$$15 - 6 = \underline{\hspace{2cm}}$$

Player 2 says, “Nine. I subtracted 5 which was 10, and one more, to get 9.” Player 1 says, “That’s right!” and hands Player 2 the card to place in their “Automatic” pile.

Player 2 shows Player 1 this card:

$$13 - 7 = \underline{\hspace{2cm}}$$

Player 1 thinks awhile and says, “I used my fingers to count backward seven from thirteen and got six.” Player 2 says, “That’s right!” and hands Player 1 the card to place in their “Working on These” pile.

Play again!

Player 1 goes first for game 1, Player 2 goes first for game 2.

Just the Facts, Please!

Sorting Mat

Subtraction 0–20 Facts

Working on These

Automatic

Just the Facts, Please!

Facts Cards (Front)

Subtraction 0–20 Facts



$$16 - 9 = \underline{\quad}$$

$$20 - 5 = \underline{\quad}$$

$$20 - 14 = \underline{\quad}$$

$$20 - 9 = \underline{\quad}$$

$$15 - 14 = \underline{\quad}$$

$$19 - 3 = \underline{\quad}$$

$$19 - 12 = \underline{\quad}$$

$$19 - 8 = \underline{\quad}$$

$$14 - 4 = \underline{\quad}$$

$$18 - 6 = \underline{\quad}$$

$$18 - 11 = \underline{\quad}$$

$$18 - 2 = \underline{\quad}$$

$$13 - 7 = \underline{\quad}$$

$$17 - 5 = \underline{\quad}$$

$$17 - 10 = \underline{\quad}$$

$$17 - 15 = \underline{\quad}$$

Just the Facts, Please!

Facts Cards (Back)

Subtraction 0–20 Facts



$20 - 9 = \underline{11}$	$20 - 14 = \underline{6}$	$20 - 5 = \underline{15}$	$16 - 9 = \underline{7}$
$19 - 8 = \underline{11}$	$19 - 12 = \underline{7}$	$19 - 3 = \underline{16}$	$15 - 14 = \underline{1}$
$18 - 2 = \underline{16}$	$18 - 11 = \underline{7}$	$18 - 6 = \underline{12}$	$14 - 4 = \underline{10}$
$17 - 15 = \underline{2}$	$17 - 10 = \underline{7}$	$17 - 5 = \underline{12}$	$13 - 7 = \underline{6}$

Just the Facts, Please!

Facts Cards (Front)

Subtraction 0–20 Facts



$12 - 4 = \underline{\quad}$	$12 - 6 = \underline{\quad}$	$16 - 5 = \underline{\quad}$	$16 - 12 = \underline{\quad}$
$11 - 1 = \underline{\quad}$	$11 - 7 = \underline{\quad}$	$15 - 6 = \underline{\quad}$	$15 - 1 = \underline{\quad}$
$10 - 9 = \underline{\quad}$	$10 - 3 = \underline{\quad}$	$14 - 8 = \underline{\quad}$	$14 - 11 = \underline{\quad}$
$9 - 7 = \underline{\quad}$	$9 - 3 = \underline{\quad}$	$13 - 5 = \underline{\quad}$	$13 - 10 = \underline{\quad}$

Just the Facts, Please!

Facts Cards (Back)

Subtraction 0–20 Facts



$16 - 12 = \underline{4}$	$16 - 5 = \underline{11}$	$12 - 6 = \underline{6}$	$12 - 4 = \underline{8}$
$15 - 1 = \underline{14}$	$15 - 6 = \underline{9}$	$11 - 7 = \underline{4}$	$11 - 1 = \underline{10}$
$14 - 11 = \underline{3}$	$14 - 8 = \underline{6}$	$10 - 3 = \underline{7}$	$10 - 9 = \underline{1}$
$13 - 10 = \underline{3}$	$13 - 5 = \underline{8}$	$9 - 3 = \underline{6}$	$9 - 7 = \underline{2}$

Just the Facts, Please!

Facts Cards (Front)

Subtraction 0–20 Facts



$$8 - 5 = \underline{\quad}$$

$$8 - 2 = \underline{\quad}$$

$$8 - 8 = \underline{\quad}$$

$$12 - 8 = \underline{\quad}$$

$$7 - 3 = \underline{\quad}$$

$$7 - 5 = \underline{\quad}$$

$$7 - 1 = \underline{\quad}$$

$$11 - 5 = \underline{\quad}$$

$$6 - 4 = \underline{\quad}$$

$$6 - 1 = \underline{\quad}$$

$$6 - 3 = \underline{\quad}$$

$$10 - 6 = \underline{\quad}$$

$$5 - 5 = \underline{\quad}$$

$$5 - 3 = \underline{\quad}$$

$$5 - 2 = \underline{\quad}$$

$$9 - 5 = \underline{\quad}$$

Just the Facts, Please!

Facts Cards (Back)

Subtraction 0–20 Facts



$$12 - 8 = \underline{4}$$

$$8 - 8 = \underline{0}$$

$$8 - 2 = \underline{6}$$

$$8 - 5 = \underline{3}$$

$$11 - 5 = \underline{6}$$

$$7 - 1 = \underline{6}$$

$$7 - 5 = \underline{2}$$

$$7 - 3 = \underline{4}$$

$$10 - 6 = \underline{4}$$

$$6 - 3 = \underline{3}$$

$$6 - 1 = \underline{5}$$

$$6 - 4 = \underline{2}$$

$$9 - 5 = \underline{4}$$

$$5 - 2 = \underline{3}$$

$$5 - 3 = \underline{2}$$

$$5 - 5 = \underline{0}$$