LESSON MAKER PRO

Fast Fact Fun

Use quick addition and subtraction facts within 20.

GRADE 2 · TEKS 2.4.A

2.4.A "recall basic facts to add and subtract within 20 with automaticity;"

NAME _____ DATE _____

QUICK FACT MOVES

First try to recall a familiar fact from memory without counting. If a fact is not yet familiar, use a strategy such as a known double, making ten or counting on to learn it; then practice recalling it again later. Today your teacher will check both accuracy and whether you recall the fact without counting. No timer is needed.

WORKED EXAMPLE

A robot has 8 silver gears. It gets 7 more gears. How many gears does it have?

1. Think of a fact you know: 8 + 8 = 16.
2. 7 is one less than 8, so 8 + 7 is one less than 16.
3. 8 + 7 = 15. After learning the fact, try recalling it later without counting.

Answer: 15 gears

PRACTICE 5 problems

1 Lena has 6 toy blocks. She gets 5 more toy blocks. How many toy blocks does she have?

ANSWER _____

2 A bowl has 14 grapes. Sam eats 4 grapes. How many grapes are left?

ANSWER _____

3 A dog has 9 treats. Its owner gives it 3 more treats. How many treats does the dog have?

ANSWER _____

4 A shelf has 16 books. Five books are checked out. How many books are left on the shelf?

ANSWER _____

5 A game has 12 star cards. Nine cards are used. How many star cards are left?

ANSWER _____

APPLY IT Show your work

1 Noah has 11 stickers. He gets 6 more stickers at recess. How many stickers does Noah have now?

WORK SPACE

ANSWER _____

2 At art club, there are 18 beads. Six beads are used. How many beads are left?

WORK SPACE

ANSWER _____

3 Memory rounds: your teacher reads these facts one at a time while you cover completed answers: 6 + 5; 14 − 4; 9 + 3; 16 − 5; 12 − 9; 11 + 6; 18 − 6; 20 − 14. Say or write each answer from memory without counting. If you do not yet recall one, say not yet, use a strategy with teacher help and practice it. Do a second round in a different order after another activity. Your teacher records accurate recalled facts and facts needing more practice.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A pet shop has 20 fish. Fourteen fish are goldfish. The rest are blue fish. How many blue fish are there?

WORK SPACE AND ANSWER

ANSWER KEY

Fast Fact Fun

GRADE 2 · TEKS 2.4.A

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Lena has 6 toy blocks. She gets 5 more toy blocks. How many toy blocks does she have?	**11**
2	A bowl has 14 grapes. Sam eats 4 grapes. How many grapes are left?	**10**
3	A dog has 9 treats. Its owner gives it 3 more treats. How many treats does the dog have?	**12**
4	A shelf has 16 books. Five books are checked out. How many books are left on the shelf?	**11**
5	A game has 12 star cards. Nine cards are used. How many star cards are left?	**3**

PART 2 · APPLY IT

1. **17** Add 11 and 6. Noah has 17 stickers.
2. **12** Subtract 6 from 18. There are 12 beads left.
3. **11, 10, 12, 11, 3, 17, 12, 6 in the listed order** Conduct both actual rounds; cover or remove earlier responses so these are retrieval attempts. Record accuracy plus observed/reported recall versus counting. For unfamiliar facts provide strategy support and revisit later; do not treat a strategy-produced answer as evidence of automatic recall. Accept spoken or written responses and do not use a speed cutoff.

CHALLENGE

6 blue fish

Accept the correct number alone or the number with the object name. For the challenge, accept 6 and a correct subtraction fact such as 20 - 14 = 6. Apply 3 is an actual repeated memory-retrieval activity with teacher observation; correct contextual calculations alone do not establish automaticity.