

* TUG OF FACTS! *

Grade 3 - Tug of Facts - Multiplication Worksheet

Aligned to CCSS 3.OA.A.3 - 3.OA.B.5 - 3.OA.C.7 - 3.NBT.A.3 - 4.NBT.B.5 - DOK 1-3 - Free from MySchoolHero.com

Name: _____

Date: _____

1. Pull hard!

$7 \times 6 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

DOK 1

2. Zero and one

$0 \times 9 = \underline{\quad}$

$1 \times 8 = \underline{\quad}$

$6 \times 0 = \underline{\quad}$

DOK 1

3. Times ten

$10 \times 4 = \underline{\quad}$

$7 \times 10 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

DOK 1

4. Missing factor

$6 \times \underline{\quad} = 36$

$\underline{\quad} \times 8 = 56$

$9 \times \underline{\quad} = 81$

DOK 1

5. Extra 11 and 12

$11 \times 3 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

$12 \times 12 = \underline{\quad}$

DOK 1

6. Turn-around facts

$4 \times 7 = 28$, so $7 \times 4 = \underline{\quad}$

$9 \times 6 = 54$, so $6 \times 9 = \underline{\quad}$

DOK 1

7. Circle the answer

Jin's fact is 7×8 .

54 or 56 or 63 or 48

DOK 2

8. Fix the mistake

Max wrote $6 \times 8 = 46$.

Write it correctly:

$6 \times 8 = \underline{\quad}$

DOK 2

9. Tug team story

4 teams pull the rope.

Each team has 6 kids.

How many kids in all? $\underline{\quad}$

DOK 2

10. Compare: $<$ $>$ $=$

$3 \times 8 \underline{\quad} 4 \times 6$

$5 \times 7 \underline{\quad} 6 \times 6$

$2 \times 9 \underline{\quad} 3 \times 5$

DOK 2

11. Always or never?

"Any number times 0 is 0."

ALWAYS or NEVER?

Why? $\underline{\quad}$

$\underline{\quad}$

DOK 3

12. Explain your thinking!

Nova knows $5 \times 8 = 40$.

How can she find 6×8 ?

$\underline{\quad}$

$\underline{\quad}$

DOK 3

**ANSWER
KEY**

1. 42, 32, 27 · 2. 0, 8, 0 · 3. 40, 70, 100 · 4. 6, 7, 9 · 5. 33, 60, 144 · 6. 28, 54 · 7. 56 · 8. 48 · 9. 24 · 10. =, <, > · 11. Always: 0 groups (or groups of 0) make 0 · 12. Add one more 8: $40 + 8 = 48$



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