

MULTIPLYING POWERS OF TEN

$$28.71 \times 10^3$$

$$28.71 \times 10^3$$

$$18.25 \times 10$$

$$28.710$$

5th
Grade

29
Games!

DIVIDING DECIMALS

$$1.14 \div 2$$

$$4.29 \div 3$$

This resource includes:

- Teacher Tips
- Student Directions
- 29 Printable Matching Games
- Recording Sheets to Hold Students Accountable
- Answer Keys

EXPONENTS

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Students
won't even
realize they
are learning!

Name: _____

Recording Sheet

$$7^3 = 343$$

$$6^4 = 1296$$

$$5^4 = 625$$

$$9^3 = 729$$

=

=

=

$$7^3$$

Topics Included

1. Order of Operations
2. Number Patterns
3. Writing Algebraic Expressions
4. Rounding Decimals
5. Writing Decimals in Standard and Word Form
6. Writing Decimals in Standard and Expanded Form
7. Mixed Numbers and Improper Fractions
8. Adding and Subtracting Fractions with Unlike Denominators
9. Dividing Fractions
10. Multiplying Fractions
11. Volume of Rectangular Prisms
12. Elapsed Time
13. Adding and Subtracting Fractions with Like Denominators
14. 2 Digit by 2 Digit Multiplication
15. 3 Digit by 2 Digit and 2 Digit by 2 Digit Multiplication
16. Long Division with 2 Digit Divisors
17. Converting Metric Units
18. Converting Customary Units
19. Equivalent Fractions
20. Adding and Subtracting Decimals
21. Multiplying Decimals
22. Dividing Decimals
23. Multiplying Decimals by Powers of Ten
24. Multiplying and Dividing Decimals by Powers of ten
25. Comparing Decimals
26. Classifying Quadrilaterals
27. Classifying Triangles
28. Exponents
29. Fractions as Division

Start Time 1:50 am
End Time 4:51 am

3 hours
1 minute

Start Time 2:35 pm
End Time 3:56 pm

1 hour
42 minutes

Start Time 6:35 pm
End Time 11:46 pm

5 hours
11 minutes

Start Time 1:10 am
End Time 4:05 am

2 hours
55 minutes

Start Time 8:48 am
End Time 2:20 pm

5 hours
32 minutes

Start Time 6:01 pm
End Time 7:17 pm

1 hour
16 minutes

Teachers Like You Say:

★★★★★ Extremely satisfied

I have been using the puzzles all year. My students love them.

★★★★★ Extremely satisfied

I have used this as a go-to resource for every math standard we have. It's a lifesaver for small group/independent work. Also, since our math curriculum is not aligned to our unit assessments (ugh), I can put a few puzzle pieces under my doc cam for I do/we do/you do.

★★★★★ Extremely satisfied

These are great for small group! I love that they are self-checking, students know they must have the wrong answer if there isn't a matching puzzle piece. I would suggest breaking the sets in half for small group times, I give my students 30 minutes a rotation and they don't get through them all, but half of a set would be perfect and they could finish the other tomorrow. Two activities in each set!

What's the best way to use these puzzles?

- Math Centers or Stations
- Whole Group Practice
- Morning Work
- Early Finisher Activity
- Substitutes
- Send Home to Engage Student Families

Name:

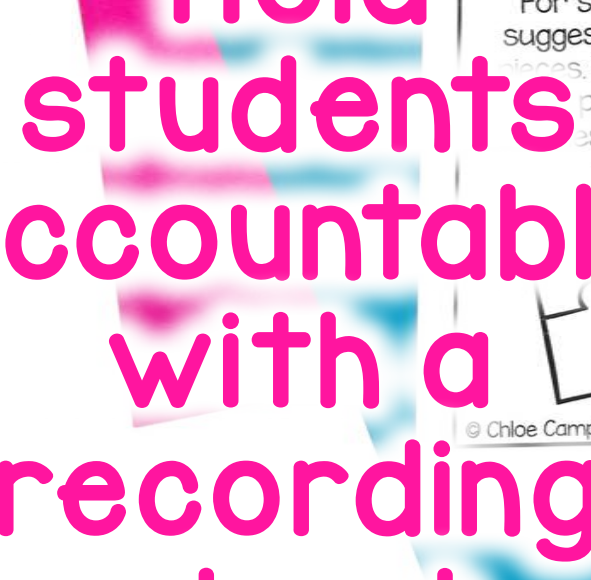
This resource could hold students

For students to suggest number pieces. For example, puzzle pieces, it, write the game.

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Recording Sheet

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Hold students accountable with a recording sheet

For student suggest num pieces. For ex puzzle p as it, wr the go

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CLASSIFY TRIANGLES

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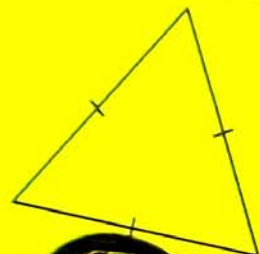
- Two acute angles and one obtuse angle
- No sides are equal

Obtuse
Scalene



Obtuse

Acute
Equilateral



Equilateral

Acute
Scalene

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EDUCATION

Tips for Playing Math Matching Puzzles:

- Print the puzzle pieces on cardstock or regular paper. If you are looking to use them for years, it's worth the time to laminate them. Cut out the puzzle pieces and store in a labeled plastic baggie.
- Create groups of 2-3 students. The lower number of students means the more focused students are while playing.
- Encourage students to solve the problems on their recording sheet. This will help hold them accountable during station time!

Teacher Tip to Make this a Self Checking Station:

- For students to be able to check their answers, I suggest numbering the back of the matching puzzle pieces. For example, write a small number one on the top puzzle piece. On the bottom puzzle piece that matches, write another small number one. This turns the game into a self-checking activity!

EQUIVALENT FRACTIONS

$$\frac{6}{8}$$

$$\frac{1}{4}$$

$$\frac{2}{3}$$

$$\frac{2}{9}$$

$$\frac{3}{12}$$

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Campbell

$$\frac{6}{8}$$

Name: Jack

Record

$$\frac{1}{4} = \frac{3}{12}$$

=

=

=

=

Why Matching Games?

Research shows that challenge-based gamification in the classroom leads to an increase of 34.755% in student performance (ScienceDirect, 2020).

Bonuses:

- Save over \$40 by purchasing the matching games in a bundle!
- Gain access to an “All in One” easy download file. It’s a PDF that has ALL 29 games to make it easier to print!

Add to Cart!

Purchase now to see
student engagement and
student achievement
increase!