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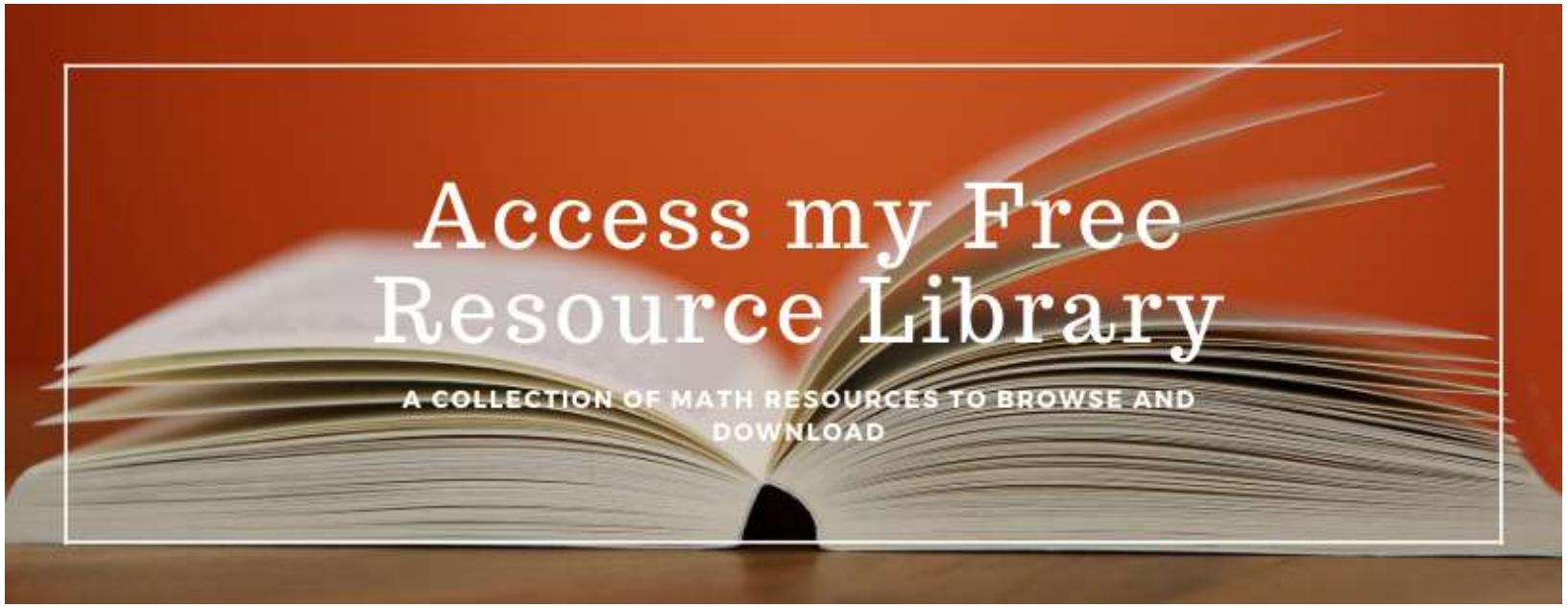

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Adding Fractions Codebreaker

A	B	C	D	E	F	G	H	I	J	K	L	M
$\frac{5}{6}$	$\frac{17}{21}$	$\frac{7}{8}$	$\frac{5}{14}$	$\frac{3}{8}$	$\frac{2}{3}$	$\frac{2}{9}$	$\frac{7}{10}$	$\frac{2}{7}$	$\frac{19}{24}$	$\frac{11}{12}$	$\frac{1}{3}$	$\frac{5}{7}$

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$\frac{1}{2}$	$\frac{3}{7}$	$\frac{7}{9}$	$\frac{2}{5}$	$\frac{3}{4}$	$\frac{3}{10}$	$\frac{13}{15}$	$\frac{5}{12}$	$\frac{7}{12}$	$\frac{11}{28}$	$\frac{13}{16}$	$\frac{7}{18}$	$\frac{6}{11}$

Work out the questions below, simplify where necessary. Match your answer to a letter in the table above to complete the code in the five boxes at the bottom.

1. $\frac{2}{7}+\frac{3}{7}$
2. $\frac{1}{8}+\frac{5}{8}$
3. $\frac{1}{3}+\frac{1}{6}$
4. $\frac{1}{3}+\frac{1}{4}$
5. $\frac{2}{5}+\frac{3}{10}$
6. $\frac{2}{3}+\frac{1}{4}$
7. $\frac{3}{4}+\frac{1}{8}$
8. $\frac{1}{2}+\frac{1}{3}$
9. $\frac{1}{3}+\frac{4}{9}$
10. $\frac{4}{15}+\frac{2}{5}$
11. $\frac{5}{12}+\frac{3}{8}$
12. $\frac{3}{16}+\frac{5}{8}$
13. $\frac{2}{3}+\frac{1}{5}$
14. $\frac{3}{7}+\frac{8}{21}$
15. $\frac{1}{6}+\frac{2}{15}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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SOLUTION

Adding Fractions Codebreaker

A	B	C	D	E	F	G	H	I	J	K	L	M
$\frac{5}{6}$	$\frac{17}{21}$	$\frac{7}{8}$	$\frac{5}{14}$	$\frac{3}{8}$	$\frac{2}{3}$	$\frac{2}{9}$	$\frac{7}{10}$	$\frac{2}{7}$	$\frac{19}{24}$	$\frac{11}{12}$	$\frac{1}{3}$	$\frac{5}{7}$

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$\frac{1}{2}$	$\frac{3}{7}$	$\frac{7}{9}$	$\frac{2}{5}$	$\frac{3}{4}$	$\frac{3}{10}$	$\frac{13}{15}$	$\frac{5}{12}$	$\frac{7}{12}$	$\frac{11}{28}$	$\frac{13}{16}$	$\frac{7}{18}$	$\frac{6}{11}$

Work out the questions below, simplify where necessary. Match your answer to a letter in the table above to complete the code in the five boxes at the bottom.

1. $\frac{2}{7}+\frac{3}{7}$ = $\frac{5}{7}$
2. $\frac{1}{8}+\frac{5}{8}$ = $\frac{3}{4}$
3. $\frac{1}{3}+\frac{1}{6}$ = $\frac{1}{2}$
4. $\frac{1}{3}+\frac{1}{4}$ = $\frac{7}{12}$
5. $\frac{2}{5}+\frac{3}{10}$ = $\frac{7}{10}$
6. $\frac{2}{3}+\frac{1}{4}$ = $\frac{11}{12}$
7. $\frac{3}{4}+\frac{1}{8}$ = $\frac{7}{8}$
8. $\frac{1}{2}+\frac{1}{3}$ = $\frac{5}{6}$
9. $\frac{1}{3}+\frac{4}{9}$ = $\frac{7}{9}$
10. $\frac{4}{15}+\frac{2}{5}$ = $\frac{2}{3}$
11. $\frac{5}{12}+\frac{3}{8}$ = $\frac{19}{24}$
12. $\frac{3}{16}+\frac{5}{8}$ = $\frac{13}{16}$
13. $\frac{2}{3}+\frac{1}{5}$ = $\frac{13}{15}$
14. $\frac{3}{7}+\frac{8}{21}$ = $\frac{17}{21}$
15. $\frac{1}{6}+\frac{2}{15}$ = $\frac{3}{10}$

M-R-N V-H-K C-A-P F-J-X T-B-S

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SIMPLIFYING EXPRESSIONS PUZZLE

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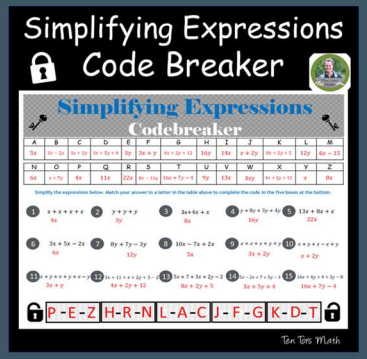

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CALCULATIONS WITH DECIMALS PUZZLE

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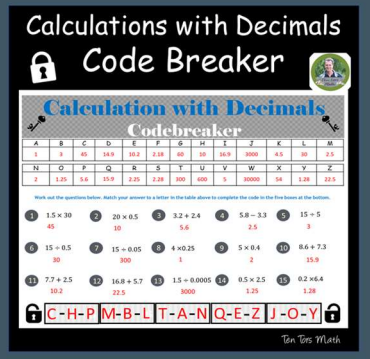

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SOLVING TWO STEP EQUATIONS PUZZLE

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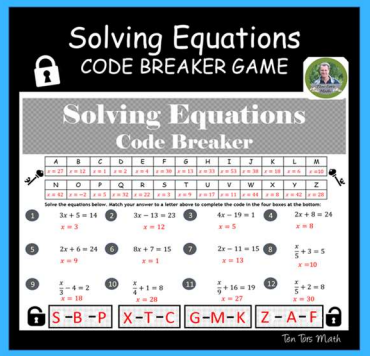

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DECIMALS TO FRACTIONS PUZZLE

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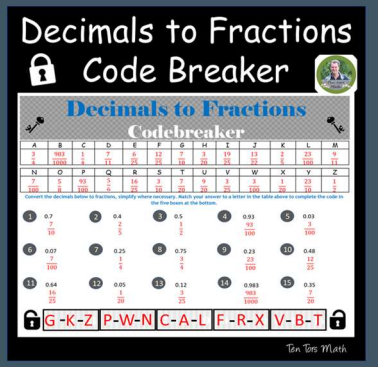

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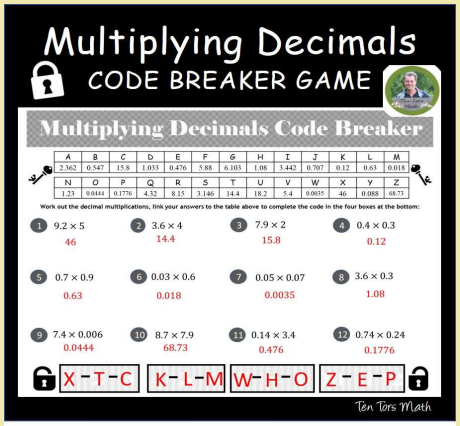
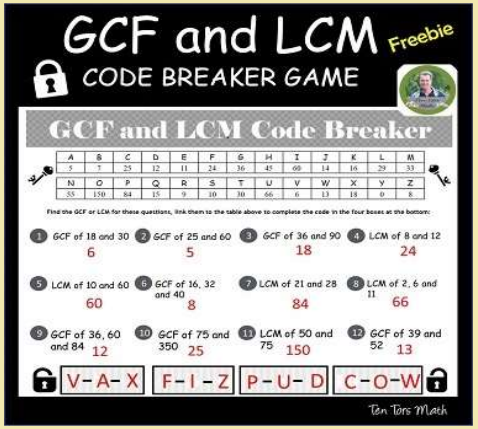
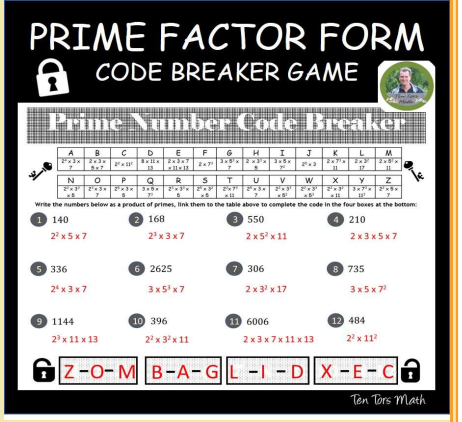
Some more code-breakers you may like! (click the link)



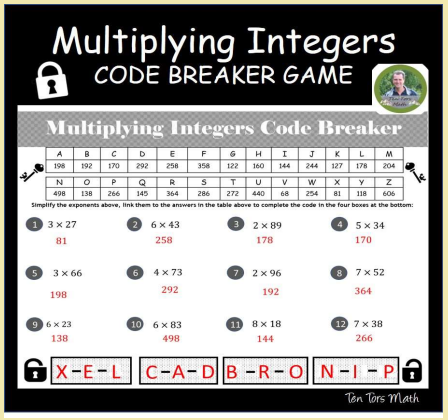
Multiplying Decimals



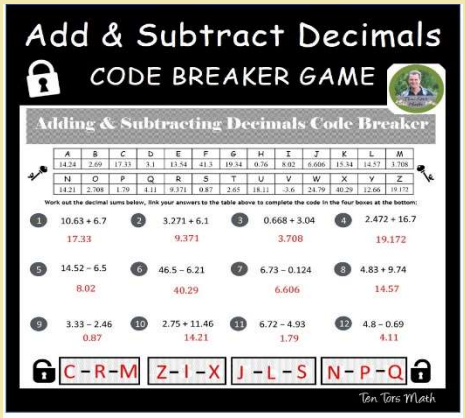
GCF LCM



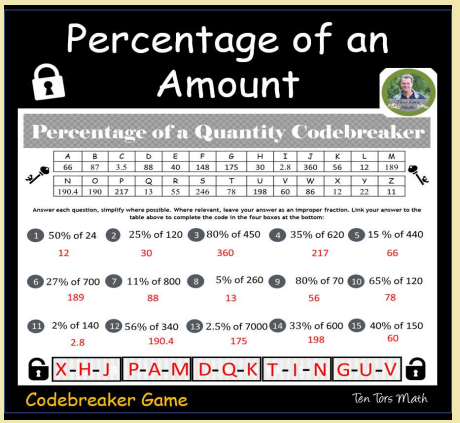
Prime Factors



Multiplying Integers



Add Subtract Decimals



Percentage of an Amount

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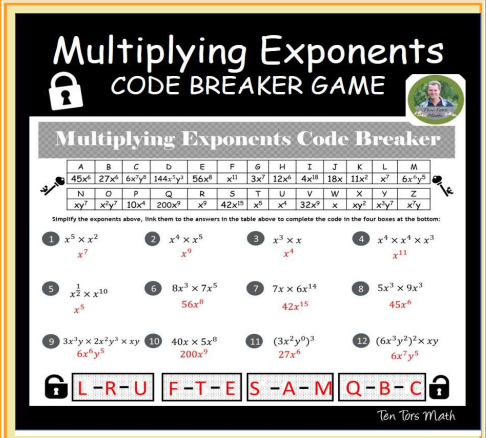
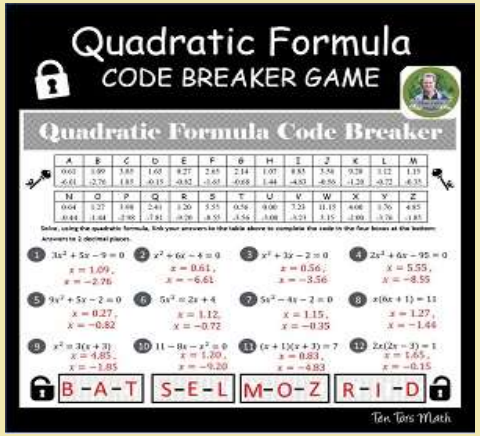
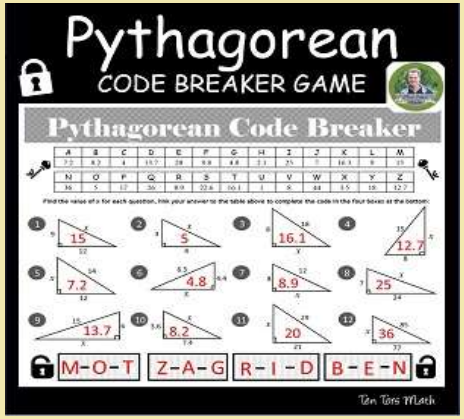


Multiplying Exponents

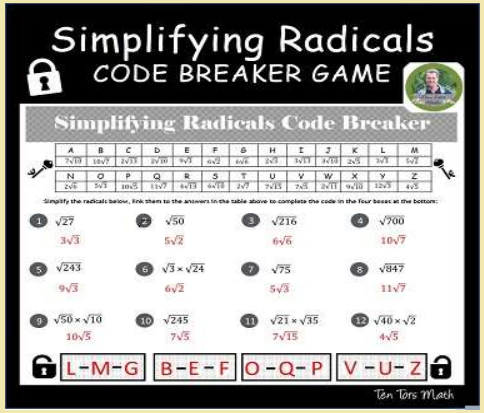


Quadratic Formula

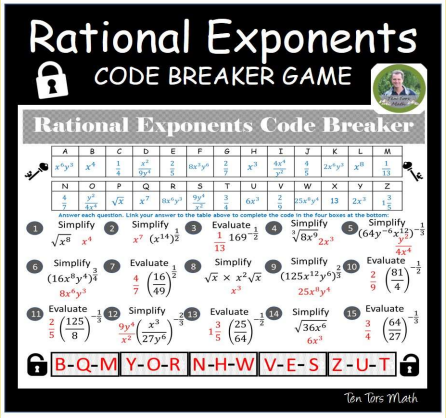
Scientific Notation



Pythagorean Theorem

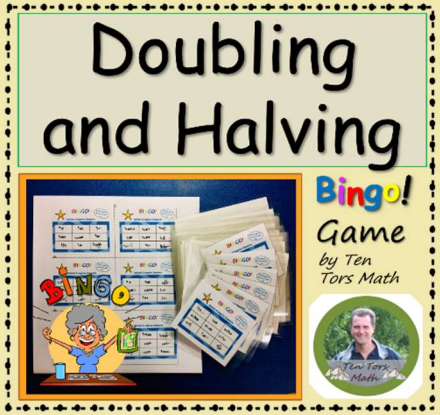


Simplifying Radicals



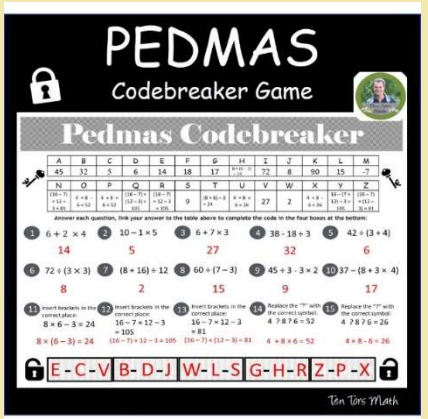
Rational Exponents

Some more resources you may like! (click the link)



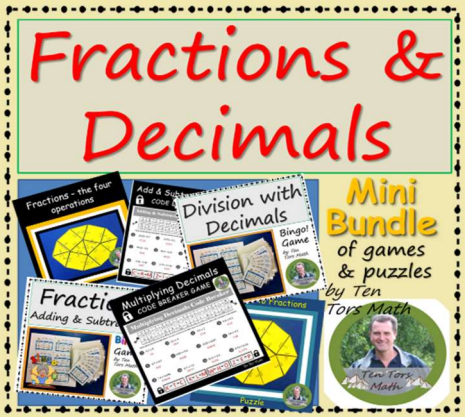
[Doubling & Halving Game]

[Fractions Puzzle]

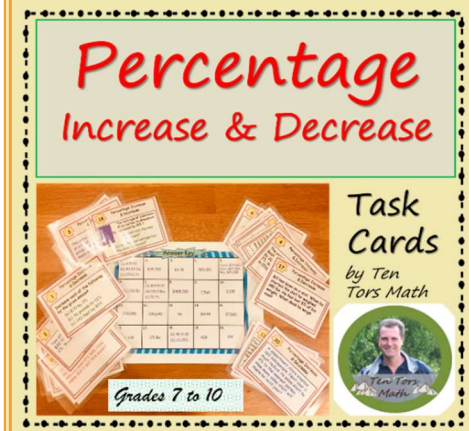


[PEDMAS codebreaker activity]

[FDP Bingo Game]



[FDP Bundle]



[Percentage Increase and Decrease]

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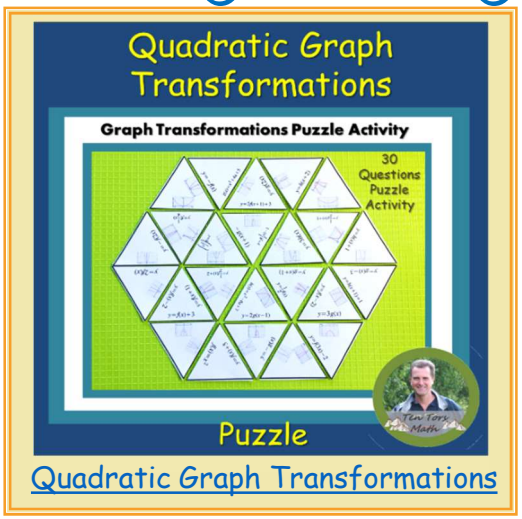
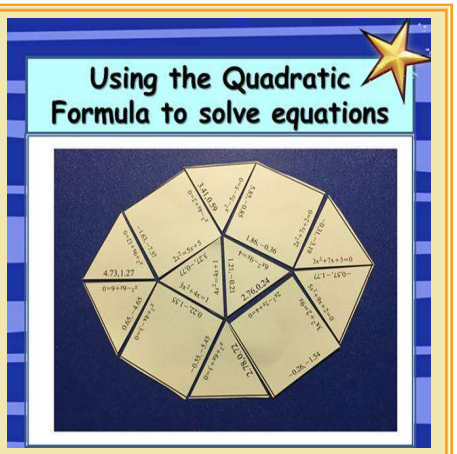
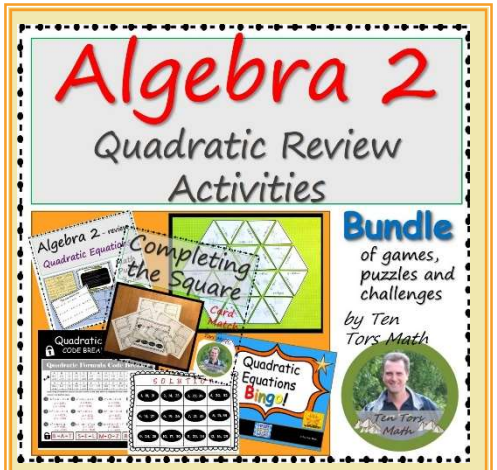
Volume & Surface Area of Spheres



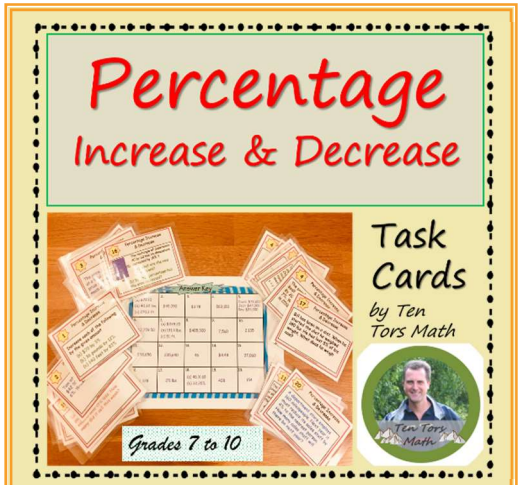
Quadratic Graph Transformations



The Quadratic Formula



Algebra 2 Quadratic Bundle



Percentage Increase and Decrease

Completing the Square