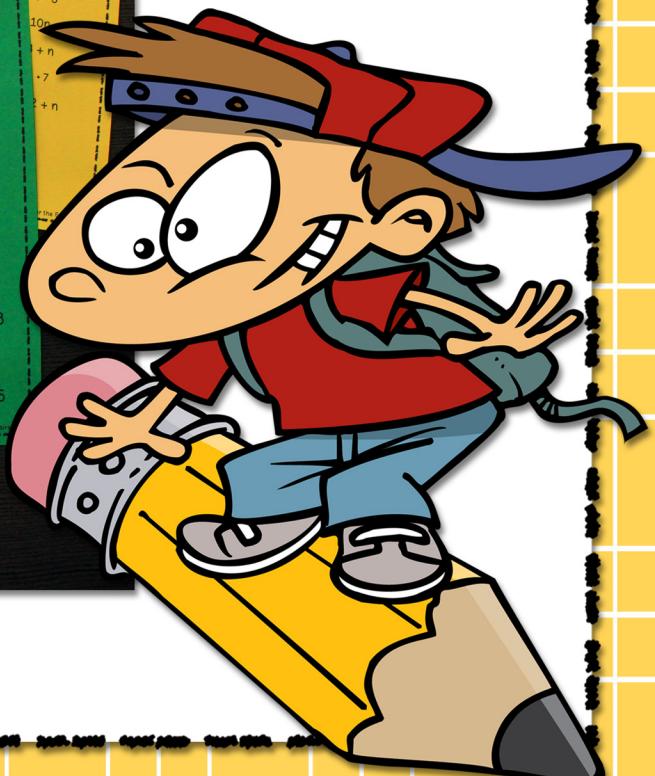
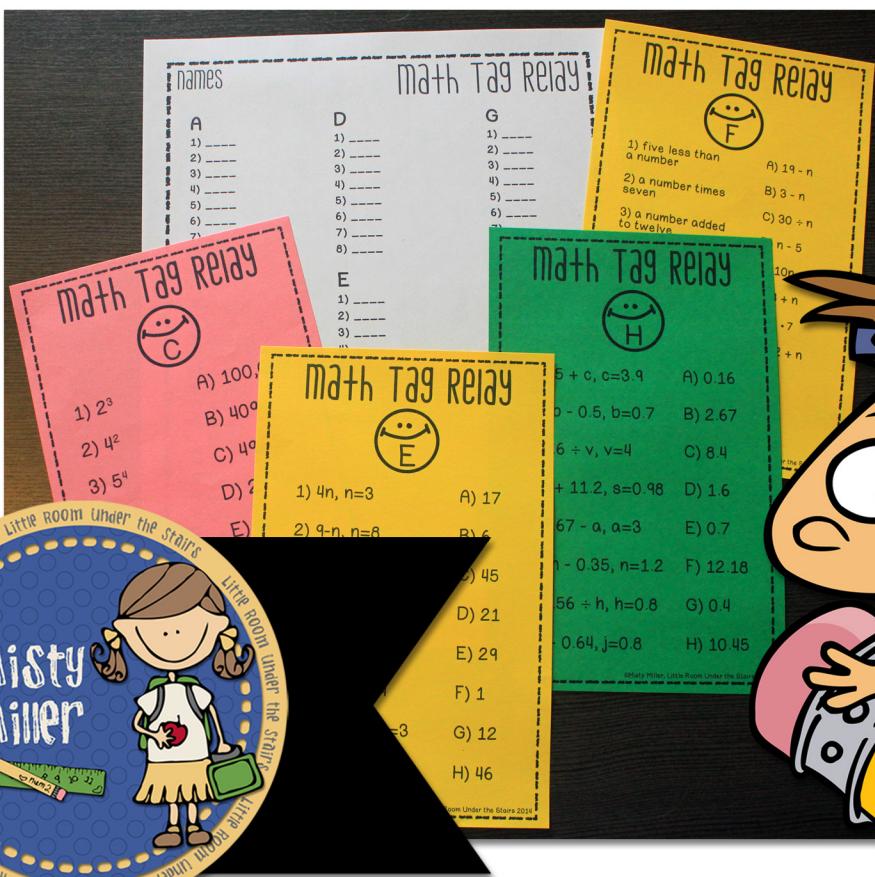


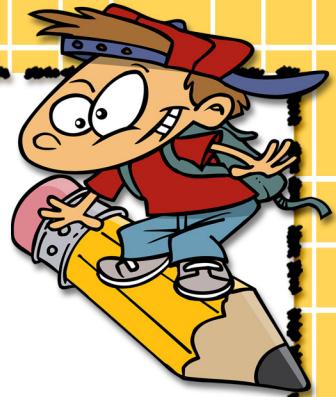
Gr 5-8

math Tag relay

Exponents & Expressions



Directions



Set Up:

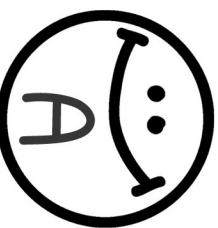
You will need a large space to play. Print off the relay sheets (one entire set for each group that you will have) and a recording sheet for each group. Cut the sheets apart so that each team has a copy of every relay sheet you are using. You can fold the relay sheets and stick them in a large pencil pouch or envelope to keep them together until time to play.

How to Play:

- 1) Put students into groups. The number of groups depends on your student count but you want 4 or 5 groups. You also want an even number in each group if possible. Students will pair up once in groups.
- 2) Each group will need a recording sheet. Each pair will need something to write with and write on.
- 3) Line up all groups on one side of the room. Place the relay sheets at the opposite end of where your students line up. Remember each group has a set of relay sheets, so put them directly opposite each group.
- 4) When you say "GO", the first pair of each group will race to their relay sheets, choose a problem from any sheet, work it out/find the answer, and record the correct letter on their recording sheet. Don't let them write on the relay sheets! When the first pair is finished with their one problem, they leave the relay sheets and race back to their group. They need to hand off the recording sheet, and the next pair goes.
- 5) Each group only completes one problem at a time and can choose whatever problem they want to work on. They do not need to complete one sheet first.
- 6) This goes back and forth until you call time. Chances are they won't finish all of the problems.
- 7) Go over the answers when you call time. Reward the team with the most correct answers if you want.

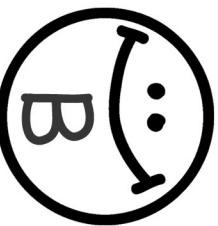


Math Tag Relay



- 1) $7 \times 7 \times 7 \times 7$
A) 4^3
- 2) 6×6
B) 6^2
- 3) $4 \times 4 \times 4 \times 4 \times 4$
C) 4^2
- 4) $9 \times 9 \times 9 \times 9 \times 9$
D) 7^6
- 5) 9×9
E) 4^6
- 6) $6 \times 6 \times 6 \times 6$
F) 7^4
- 7) $4 \times 4 \times 4$
G) 9^5
- 8) $7 \times 7 \times 7 \times 7 \times 7 \times 7$
H) 6^4

Math Tag Relay



- 1) 3^3
A) $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5$
- 2) 9^4
B) $3 \times 3 \times 3$
- 3) 5^8
C) 5×5
- 4) 8^5
D) $9 \times 9 \times 9$
- 5) 3^8
E) $8 \times 8 \times 8 \times 8 \times 8$
- 6) 5^2
F) $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$
- 7) 8^3
G) $9 \times 9 \times 9 \times 9$
- 8) 9^3
H) $8 \times 8 \times 8$

Math Tag Relay



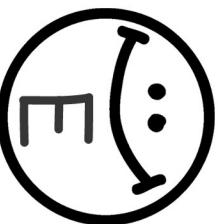
- 1) 2^3 A) 100,000
- 2) 4^2 B) 4096
- 3) 5^4 C) 49
- 4) 7^2 D) 27
- 5) 3^3 E) 625
- 6) 6^0 F) 16
- 7) 10^5 G) 1
- 8) 8^4 H) 8

Math Tag Relay



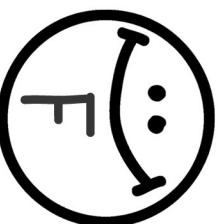
- 1) $(0.4)^3$ A) 0.25
- 2) $(0.18)^1$ B) 0.0004
- 3) $(0.3)^5$ C) 0.064
- 4) $(0.12)^0$ D) 0.18
- 5) $(0.02)^2$ E) 0.04
- 6) $(0.5)^2$ F) 1
- 7) $(0.6)^3$ G) 0.216
- 8) $(0.2)^2$ H) 0.00243

Math Tag Relay



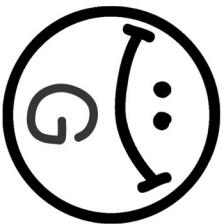
- 1) $4n$, $n=3$
A) 17
B) 6
- 2) $q-n$, $n=8$
C) 45
- 3) $13+2n$, $n=4$
D) 21
- 4) $12 \div n$, $n=2$
E) 29
- 5) $3n+28$, $n=6$
F) 1
- 6) $5+6n$, $n=4$
G) 12
- 7) $27 \div n+8$, $n=3$
H) 46
- 8) $5n$, $n=9$

Math Tag Relay

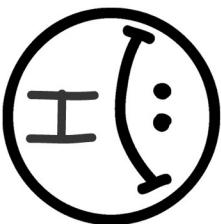


- 1) five less than a number
A) $19 - n$
- 2) a number times seven
B) $3 - n$
- 3) a number added to twelve
C) $30 \div n$
- 4) a number less than nineteen
D) $n - 5$
- 5) ten times a number
E) $10n$
- 6) thirty divided by a number
F) $8 + n$
- 7) eight increased by a number
G) $n \cdot 7$
- 8) the difference between three and a number
H) $12 + n$

Math Tag Relay



Math Tag Relay



- 1) $t - m + 4$
 $m=9, t=12$ A) 30
B) 234
- 2) $7w - 6r$
 $r=3, w=4$ C) 7
D) 32
- 3) $32 \div a + c - 3$
 $a=8, c=11$ E) 33
F) 10
- 4) $2b + p + q$
 $b=5, p=14$ G) 12
H) 35
- 5) $83 - 4n - g$
 $g=17, n=9$ I) 10
J) 12
- 6) $h + 17 - v$
 $h=23, v=5$ K) 35
L) 40
- 7) $8c \div b$
 $b=2, c=8$ M) 40
N) 45
- 8) $r \cdot s$
 $r=26, s=9$ O) 40
P) 45

names

math Tag Relay

A

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

D

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

G

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

B

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

E

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

H

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

C

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____

F

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____



names

Key

math Tag Relay

A

- 1) F
- 2) B
- 3) E
- 4) G
- 5) C
- 6) H
- 7) A
- 8) D

D

- 1) C
- 2) D
- 3) H
- 4) F
- 5) B
- 6) A
- 7) G
- 8) E

G

- 1) C
- 2) F
- 3) G
- 4) E
- 5) A
- 6) H
- 7) D
- 8) B

B

- 1) B
- 2) G
- 3) A
- 4) E
- 5) F
- 6) C
- 7) H
- 8) D

E

- 1) G
- 2) F
- 3) D
- 4) B
- 5) H
- 6) E
- 7) A
- 8) C

H

- 1) C
- 2) D
- 3) G
- 4) F
- 5) B
- 6) H
- 7) E
- 8) A

C

- 1) H
- 2) F
- 3) E
- 4) C
- 5) D
- 6) G
- 7) A
- 8) B

F

- 1) D
- 2) G
- 3) H
- 4) A
- 5) E
- 6) C
- 7) F
- 8) B



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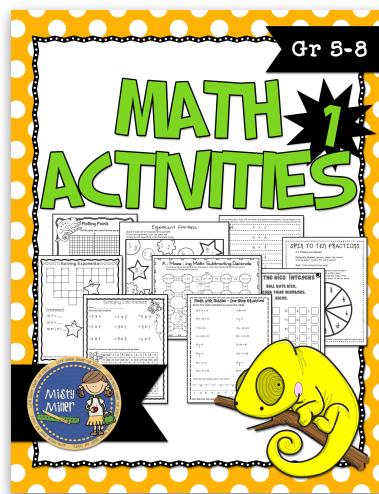
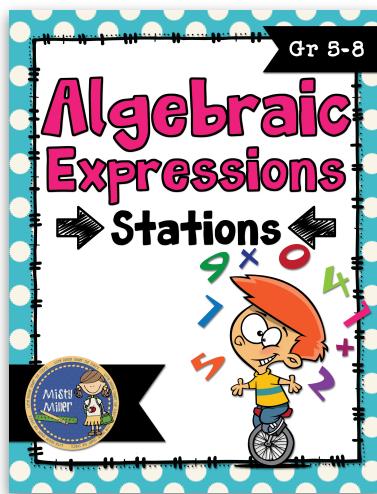
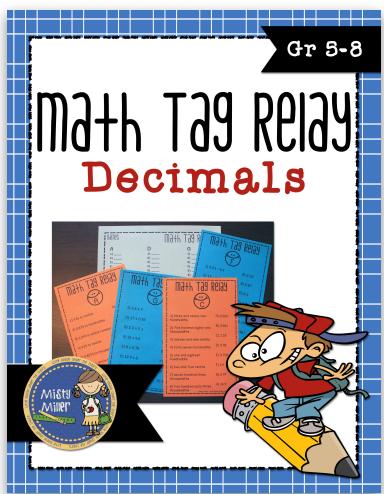
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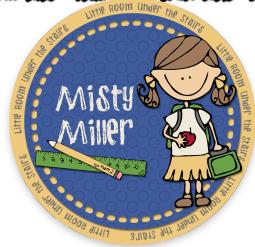


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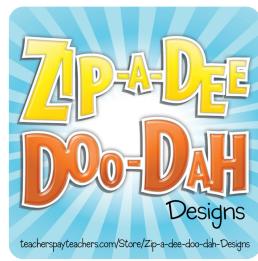
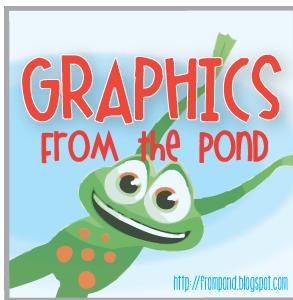
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