MAZE DIRECTIONS:

START

2 + 5   3   9 - 5

Write it in 30

7   2

5(6)   36 $\frac{8}{4}$
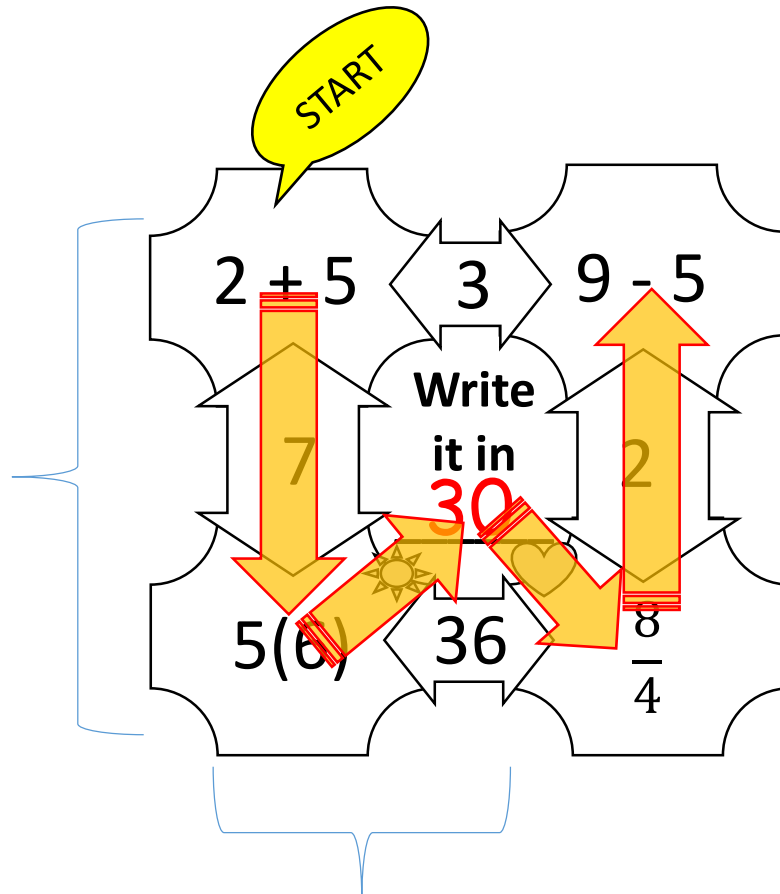
When you see a correct answer, draw an arrow through it to the next problem and work that problem.

When you do not see the correct answer, go to the "write it in" space and write in the correct answer. When you do this, collect shapes such as stars, moons etc. This helps you to know how to enter and exit a "write it in" space.

Travel through the maze from the start to the finish. Each double arrow has a number that could be an answer to a log problem. Draw a line from the problem through the arrow to the next problem and work that problem. If the correct answer is not there, go to a "write it in" section by passing through the nearest shape such as a heart, smiley face, moon, star, sun or cloud. Always enter and exit a "write it in" section through one of those shapes. Keep a tally of the shapes as you pass through them and write it at the top. Not every problem will be used.

♥ ___   ☺ ___   ☾ ___   ☆ ___   ☀ ___   ☁ ___

START

$\log_5 5$	0	$\log_6 36$ 6 $\log_8 \frac{1}{8}$ 4 $\log_3 81$

1   Write it in   -1   Write it in   2   Write it in   5

_____   _____

$\log_7 1$ 7 $\log \frac{1}{10}$ 3 $\log_5 125$ 8 $\log_2 16$

0   Write it in   8   Write it in   -3   Write it in   4

_____   _____

$\log_7 49$ 2 $\log_2 32$ 9 $\log_3 \frac{1}{27}$ 0 $\log_9 1$

1   Write it in   3   Write it in   -1   Write it in   5

_____   _____

$\log_{13} 169$ 13 $\log_4 16$ 4 $\log_4 \frac{1}{16}$ -2 $\log_6 216$

FINISH and final answer
_____

0   Write it in   2   Write it in   2   Write it in   4
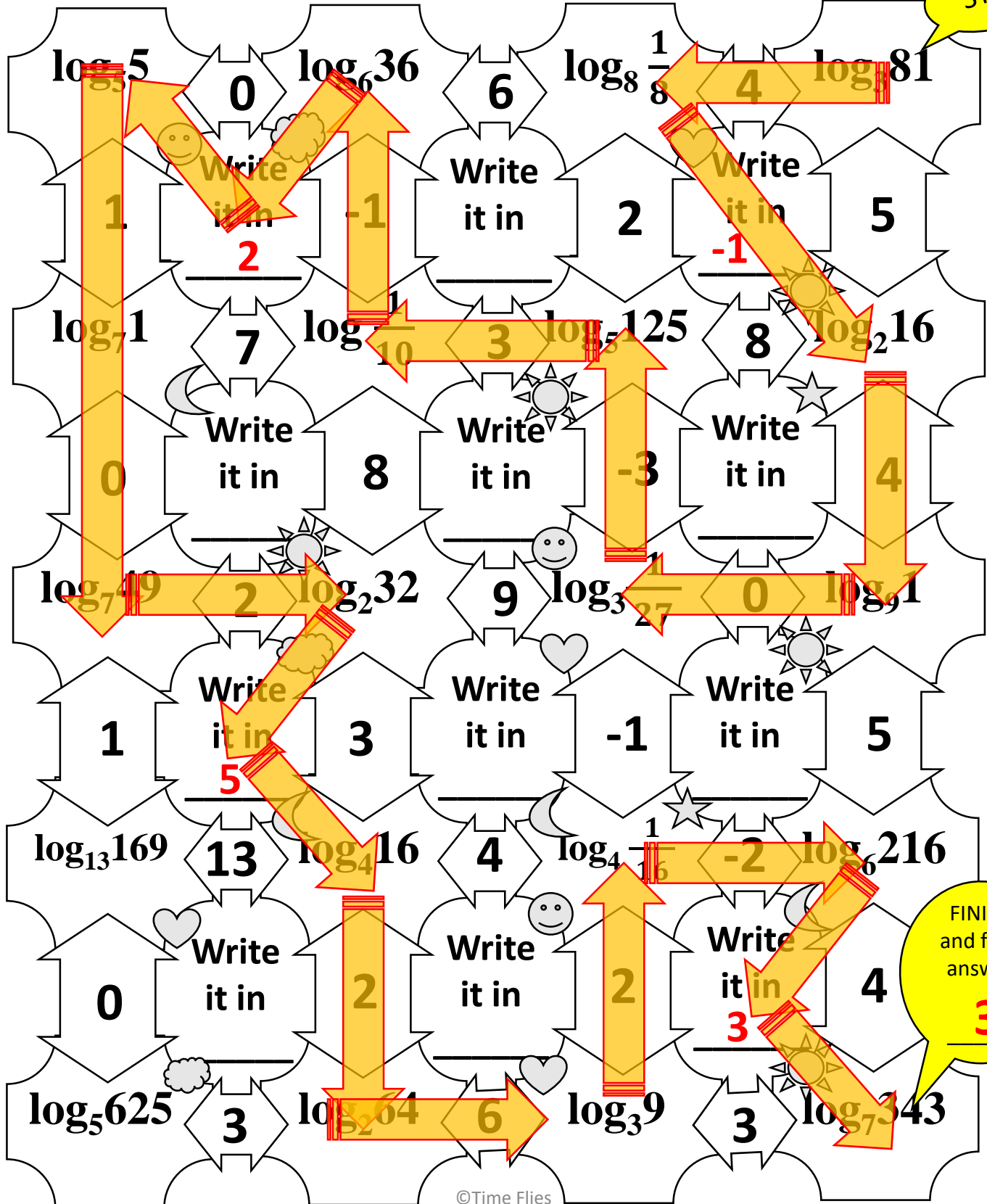
_____   _____   _____

$\log_5 625$ 3 $\log_2 64$ 6 $\log_3 9$ 3 $\log_7 343$

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Travel through the maze from the start to the finish. Each double arrow has a number that could be an answer to a log problem. Draw a line from the problem through the arrow to the next problem and work that problem. If the correct answer is not there go to a "write it in" section where you will collect shapes. You will want to go through a shape to enter, write the answer and go through another shape to exit. You will arrive at another problem. Count how many shapes you collect and write below. Not every problem will be used.

♡ **1**   ☺ **1**   ☾ **2**   ☆ **0**   ☀ **2**   ☁ **2**

START

FINISH and final answer **3**

$\log_3 5$ **0** $\log_6 36$ **6** $\log_8 \frac{1}{8}$ **4** $\log_9 81$

Write it in **2**   **1**   Write it in **-1**   Write it in **2**   Write it in **-1**   **5**

$\log_7 1$ **7** $\log \frac{1}{10}$ **3** $\log_5 125$ **8** $\log_2 16$

Write it in **8**   Write it in **-3**   Write it in **4**

$\log_7 49$ **2** $\log_2 32$ **9** $\log_3 \frac{1}{27}$ **0** $\log_9 1$

1   Write it in **5**   **3**   Write it in **-1**   Write it in **5**

$\log_{13} 169$ **13** $\log_4 16$ **4** $\log_4 \frac{1}{16}$ **-2** $\log_6 216$

0   Write it in **2**   Write it in **2**   Write it in **3**   **4**

$\log_5 625$ **3** $\log_2 64$ **6** $\log_3 9$ **3** $\log_7 343$

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