

# TIAMATH: Worksheet #1

## **SHOW YOUR WORK**

Tiamat ate some bad peasants. Not bad as in “evil”, but bad as in “spoiled”. And not spoiled like “their parents were too easy on them”, but spoiled in an “expired or tainted food” kind of way.

Tiamat consumed a total of 6,000 lbs of bad peasant. 1,500 lbs of bad peasant had gangrene. 4,000 lbs of bad peasant had E. coli. The remaining peasants had worms. Assume that each peasant had only one condition.

A worm-ridden peasant weighs an average of 100 lbs. Gangrenous peasants weigh an average of 150 lbs. There were 32 peasants with E. coli.

The green head ate 60% of the peasants with worms. The black head ate 6 peasants, evenly afflicted with gangrene and E. coli. The white head ate one of each kind of bad peasant. The blue head ate 300 lbs of gangrenous peasant and 2500 lbs of peasants with E. coli.

1. What did the red head eat?
2. What percent of TOTAL weight were gangrenous peasants consumed by the red head?
3. What percent of TOTAL peasants did the red head consume? (Round to nearest tenth.)

*WARNING: You'll want to save these results for tomorrow's assignment.*

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## ANSWER KEY

	Gangrene			E. Coli			Worms		
	Units	Unit Weight	Total Weight	Units	Unit Weight	Total Weight	Units	Unit Weight	Total Weight
Red	4	150	600	8	125	1000	1	100	100
Green	0	150	0	0	125	0	3	100	300
Blue	2	150	300	20	125	2500	0	100	0
Black	3	150	450	3	125	375	0	100	0
White	1	150	150	1	125	125	1	100	100
TOTAL	10	150	1500	32	125	4000	5	100	500

	Gangrene			E. Coli			Worms		
	Units	Unit Weight	Total Weight	Units	Unit Weight	Total Weight	Units	Unit Weight	Total Weight
Red	40%	150	40%	25%	125	25%	20%	100	20%
Green	0%	150	0%	0%	125	0%	60%	100	60%
Blue	20%	150	20%	63%	125	63%	0%	100	0%
Black	30%	150	30%	9%	125	9%	0%	100	0%
White	10%	150	10%	3%	125	3%	20%	100	20%
TOTAL	100%	150	100%	100%	125	100%	100%	100	100%

Gangreneous peasants consumed by red head = 10%

Peasants consumed by red head = 27.6595744680851%

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