

ROUND 1

1. TOSSUP: (75 or 75%) - 10 pts
BONUS: (a) (\$1) - 10 pts
(b) (\$420) - 10pts
2. TOSSUP: (24) - 10 pts
BONUS: (91) - 20 pts
3. TOSSUP: (25) - 10 pts
BONUS: (3.44 sq. ft.) - 20 pts
4. TOSSUP: (\$4.90) - 10 pts
BONUS: (\$714.42) - 20 pts
5. TOSSUP: (2000) - 10 pts
BONUS: (a) (2000 grams or 2 kilograms) - 10 pts
(b) (5 or 5 centimeters) - 10 pts
6. TOSSUP: ($\pi r^2 h$, or pi times the square of the radius times the height or altitude)
(If they use other letters in the correct formula, ask what the letters stand for.) - 10 pts
BONUS: (a) (quartered or divided by 4) - 6 pts
(b) (doubled or multiplied by 2) - 6 pts
(c) (halved or divided by 2) - 8 pts
7. TOSSUP: (24) - 10 pts
BONUS: (2) - 20 pts

ROUND 2

1. TOSSUP: (one eighth) - 10 pts
BONUS: $\left(\frac{34}{37}\right)$ - 20 pts
2. TOSSUP: (0) - 10 pts
BONUS: (a) (600, or positive 600) - 10 pts
(b) (negative two) - 10 pts
3. TOSSUP: (one quarter and four dimes) - 10 pts
BONUS: (31) - 20 pts
4. TOSSUP: (three dollars) - 10 pts
BONUS: (a) (\$24) - 12 pts
(b) (\$936) - 8 pts
5. TOSSUP: (the lengths of the sides of a right triangle)
[Accept "sides" for "lengths of sides", but insist on right triangle.] - 10 pts
BONUS: $(\sqrt{65} \text{ and } \sqrt{33})$ [Score 10 pts if they give one of the correct answers and no other answer. Score 10 points if they give both correct answers and some incorrect answers. Score no points if they give any incorrect answers with one or no correct answers.] - 20 pts
6. TOSSUP: (400) - 10 pts
BONUS: (36, 54, and 90 degrees) [Accept them in any order.] - 20 pts
7. TOSSUP: (4) - 10 pts
BONUS: (5040) - 20 pts

ROUND 3

1. TOSSUP: $(1/4)$ - 10 pts
BONUS: (5) - 20 pts
2. TOSSUP: (90 degrees) - 10 pts
BONUS: (3 meters) - 20 pts
3. TOSSUP: $(4/5)$ - 10 pts
BONUS: (negative one and seven tenths, or negative seventeen tenths) - 20 pts
4. TOSSUP: (50, or 50 cm) - 10 pts
BONUS: (a) (six million) - 10 pts
(b) (six billion) - 10 pts
5. TOSSUP: (7) - 10 pts
BONUS: (720) - 20 pts
6. TOSSUP: (X) - 10 pts
BONUS: (a) ("five zero, base 6", or just "five zero") - 10 pts
(b) ("one one two, base four", or just "one one two") - 10 pts
7. TOSSUP: (12.5%, or 12 and one half %) - 10 pts
BONUS: (a) (5) - 10 pts
(b) (150) - 10 pts

ROUND 4

1. TOSSUP: (7) - 10 pts
BONUS: (\$3.90) - 20 pts
2. TOSSUP: $(1/8, \text{ or } .125)$ - 10 pts
BONUS: (768) - 20 pts
3. TOSSUP: (7) - 10 pts
BONUS: (a) (\$4.89) - 8 pts
(b) (\$5) - 6 pts
(c) (\$5) - 6 pts
4. TOSSUP: (three and one fourth) - 10 pts
BONUS: (420 kilometers per hour) - 20 pts
5. TOSSUP: (160) - 10 pts
BONUS: (25, or 25 meters) - 20 pts
6. TOSSUP: (one) - 10 pts
BONUS: (a) (150) - 10 pts
(b) (60) - 10 pts
7. TOSSUP: (one fourth) - 10 pts
BONUS: $(39/25, \text{ or } \text{one and } 14/25)$ - 20 pts

ROUND 5

1. TOSSUP: (10) - 10 pts

- BONUS: (16) - 20 pts
2. TOSSUP: (16) - 10 pts
BONUS: (1/2) - 20 pts
 3. TOSSUP: (45, or 45 degrees) - 10 pts
BONUS: (a) (65, or 65 degrees) - 8 pts
(b) (150, or 150 degrees) - 12 pts
 4. TOSSUP: (35) - 10 pts
BONUS: (Accept 284 or 285 or any number in between.) - 20 pts
 5. TOSSUP: (12) - 10 pts
BONUS: (Mary is 12; her grandmother is 60.)
[Both must be correct for any credit.] - 20 pts
 6. TOSSUP: (0) - 10 pts
BONUS: (a) (1/216) - 10 pts
(b) (2/52 or 1/26) - 10 pts
 7. TOSSUP: (square) - 10 pts
BONUS: (20 inches) - 20 pts

ROUND 6

1. TOSSUP: (25) - 10 pts
BONUS: (a) (54 sq. meters) - 10 pts
(b) (13 and one half sq. meters) - 10 pts
2. TOSSUP: (\$11) - 10 pts
BONUS: (a) (\$120) - 10 pts
(b) (\$300) - 10 pts
3. TOSSUP: (44 or 44¢) - 10 pts
BONUS: (23) - 20 pts
4. TOSSUP: (five and three fourths centimeters) - 10 pts
BONUS: (a) (308 sq. cm.) - 10 pts
(b) (72 cm) - 10 pts
5. TOSSUP: (2/9) - 10 pts
BONUS: (41/110) - 20 pts
6. TOSSUP: (trapezoid) - 10 pts
BONUS: (a) (66) - 10 pts
(b) (28) - 10 pts
7. TOSSUP: (3/4) - 10 pts
BONUS: (a) (0) - 5 pts
(b) (1) - 5 pts
(c) (-1) - 5 pts
(d) (the square of the given number) - 5 pts

ROUND 7

1. TOSSUP: (negative 25) - 10 pts
BONUS: (a) (negative 140) - 10 pts
(b) (216) - 10 pts

2. TOSSUP: (12) - 10 pts
BONUS: (a) (9 and 10) - 10 pts
(b) (7 and 8) - 10 pts
3. TOSSUP: (100) - 10 pts
BONUS: (17) - 20 pts
4. TOSSUP: (isosceles) - 10 pts
BONUS: (a) (10) - 10 pts
(b) (60) - 10 pts
5. TOSSUP: (eight thousandths) - 10 pts
BONUS: (a) (512) - 10 pts
(b) (one billion) - 10 pts
6. TOSSUP: (80%) - 10 pts
BONUS: (a) (Accept "360" or "360 thousandths" or "point 360") - 10 pts
(b) (Accept "700" or "700 thousandths" or "point 700") - 10 pts
7. TOSSUP: (100 degrees, or 100) - 10 pts
BONUS: (58 degrees and 40 minutes) - 20 pts