## Winter Olympics Codebreaking Answers

Calculate the percentage of each amount to find a letter. Unscramble your letters to find the name of an event from the Winter Olympics.

| A | B | C | D | E | G | H | I | K | L | N | O | R | S | T | U | W |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.5 | 8 | 17 | 69.3 | 90 | 18 | 100 | 3 | 21 | 30 | 7.5 | 5 | 27 | 14 | 45 | 9 | 37.6 |

a. $25 \%$ of 120 30 8

100
18
8
$25 \%$ of 400 ,
b. $50 \%$ of 10 ,
$25 \%$ of 30 ,
$20 \%$ of $40,50 \%$ of 90 ,
$75 \%$ of 40 ,
$10 \%$ of $30,5 \%$ of 30
5
7.5

8
45
100
30
3
1.5
c. $60 \%$ of $50,25 \%$ of $12,20 \%$ of $90,10 \%$ of $90,30 \%$ of $90,50 \%$ of $34,10 \%$ of 75
d. $20 \%$ of 150 ,

30
14

## 

90
45
5
5
21
90
7.5

Skeleton

Luge
f. $99 \%$ of $70,90 \%$ of $30,3 \%$ of $50, ~ 47 \%$ of $80,12.5 \%$ of $64,12.5 \%$ of $40,4 \%$ of $125,7.5 \%$ of $100,25 \%$ of 56
69.3
27
1.5
37.6
5
5
7.5

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| 1.5 | 8 | 17 | 69.3 | 90 | 18 | 100 | 3 | 21 | 30 | 7.5 | 5 | 27 | 14 | 45 | 9 | 37.6 |

a. $25 \%$ of $120,10 \%$ of $80,50 \%$ of $200,10 \%$ of $50,30 \%$ of $60,5 \%$ of $160,5 \%$ of $60,20 \%$ of $70,75 \%$ of 120
b. $50 \%$ of $10,25 \%$ of $30,20 \%$ of $40,50 \%$ of $90,25 \%$ of $400,75 \%$ of $40,10 \%$ of $30,5 \%$ of 30
c. $60 \%$ of $50,25 \%$ of $12,20 \%$ of $90,10 \%$ of $90,30 \%$ of $90,50 \%$ of $34,10 \%$ of 75
d. $20 \%$ of $150,1 \%$ of $1400,150 \%$ of $60, ~ 75 \%$ of $60,20 \%$ of $25,30 \%$ of $70,90 \%$ of $100,5 \%$ of 150
$\qquad$
$\square$
e. $12 \%$ of $150,150 \%$ of $20,15 \%$ of $60,60 \%$ of 150
$\qquad$
$\square$
f. $99 \%$ of $70, ~ 90 \%$ of $30,3 \%$ of $50,47 \%$ of $80,12.5 \%$ of $64,12.5 \%$ of $40,4 \%$ of $125,7.5 \%$ of $100,25 \%$ of 56

