



## Sixth Grade - Rational numbers

1) Evaluate  $70 - 50 \div 5 + 10 \times 8 \div (6 - 4)$

- 160
- 100
- 120
- 140

2) Evaluate  $50 - 60 \div 12 + 12 \times 6 \div (6 - 4)$

- 67
- 79
- 45
- 81

3) Evaluate  $56 - 72 \div 12 + 10 \times 3 \div (6 - 5)$

- 50
- 70
- 80
- 90

4) Evaluate  $450 - 60 \div 5 + 40 \times 12 \div (8 - 4)$

- 450
- 550
- 400
- 550

5) Evaluate  $400 - 60 \div 6 + 50 \times 10 \div (8 - 4)$



- 580
- 450
- 640
- 600

6) Evaluate  $60 - 48 \div 12 + 70 \times 50 \div (16 - 6)$

- 420
- 406
- 430
- 450

7) Evaluate  $70 - 120 \div 60 \times 30 \div (10 - 7)$

- 66
- 50
- 46
- 78

8) Evaluate  $80 - 100 \div 50 \times 45 \div (10 - 7)$

- 40
- 50
- 70
- 60

9) Evaluate  $60 - 160 \div 40 \times 40 \div (10 - 5)$

- 250
- 230
- 280
- 270



10) Evaluate  $50 - 100 \div 20 \times 70 \div (20 - 10)$

- 15
- 20
- 30
- 25

11) The temperature of a chicken pie was  $-8^{\circ}\text{C}$  when it is taken out of a freeze, if the chicken pie is immediately heated up in a microwave, it would reach a temperature of  $40^{\circ}\text{C}$  after 12 minutes. What is the temperature increase in 1 minute?

- -3
- -4
- -5
- -1

12) The temperature of a cheese pie was  $-11^{\circ}\text{C}$  when it is taken out of a freeze, if the cheese pie is immediately heated up in a microwave, it would reach a temperature of  $79^{\circ}\text{C}$  after 15 minutes. What is the temperature increase in 1 minute?

- -2
- -9
- -4
- -5

13) The temperature of a pizza was  $-6^{\circ}\text{C}$  when it is taken out of a freeze, if the pizza is immediately heated up in a microwave, it would reach a temperature of  $30^{\circ}\text{C}$  after 12 minutes. What is the temperature increase in 1 minute?

- -7
- -3
- -5
- -2



14) The temperature of a burger was  $-12^{\circ}\text{C}$  when it is taken out of a freeze, If the burger is immediately heated up in a microwave, it would reach a temperature of  $30^{\circ}\text{C}$  after 21 minutes. What is the temperature increase in 1 minute?

- -10
- -20
- -15
- -16

15) The temperature of a garlic bread was  $-10^{\circ}\text{C}$  when it is taken out of a freeze, If the garlic bread is immediately heated up in a microwave, it would reach a temperature of  $20^{\circ}\text{C}$  after 10 minutes. What is the temperature increase in 1 minute?

- -5
- -4
- -7
- -9

16) The temperature of a sandwich was  $-20^{\circ}\text{C}$  when it is taken out of a freeze, If the sandwich is immediately heated up in a microwave, it would reach a temperature of  $10^{\circ}\text{C}$  after 10 minutes. What is the temperature increase in 1 minute?

- -17
- -19
- -26
- -18

17) The temperature of a Frankie was  $10^{\circ}\text{C}$  when it is taken out of a freeze, if the Frankie is immediately heated up in a microwave, it would reach a temperature of  $40^{\circ}\text{C}$  after 15 minutes. What is the temperature increase in 1 minute?

- 12
- 19
- 10



- 15

18) The temperature of a puff was  $50^{\circ}\text{C}$  when it is taken out of a freeze, If the puff is immediately heated up in a microwave, it would reach a temperature of  $70^{\circ}\text{C}$  after 10 minutes. What is the temperature increase in 1 minute?

- 52
- 45
- 49
- 50

19) The temperature of a chocolate pie was  $40^{\circ}\text{C}$  when it is taken out of a freeze, if the chocolate pie is immediately heated up in a microwave, it would reach a temperature of  $60^{\circ}\text{C}$  after 10 minutes. What is the temperature increase in 1 minute?

- 46
- 78
- 40
- 42

20) The temperature of a cake was  $20^{\circ}\text{C}$  when it is taken out of a freeze, if the cake is immediately heated up in a microwave, it would reach a temperature of  $30^{\circ}\text{C}$  after 5 minutes. What is the temperature increase in 1 minute?

- 17
- 25
- 22
- 10

21) In an English quiz with 20 questions, each correct answer is awarded 4 marks, for each wrong answer, 3.5 marks are deducted and for each unanswered question, 2 mark is deducted. Find the lowest possible score for the quiz?



- -47
- -98
- -23
- -70

22) In a Maths quiz with 10 questions, each correct answer is awarded 4 marks, for each wrong answer, 3 marks are deducted and for each unanswered question, 2 mark is deducted. Find the lowest possible score for the quiz?

- -30
- -60
- -20
- -40

23) In a Literature quiz with 15 questions, each correct answer is awarded 5 marks, for each wrong answer, 4.5 marks are deducted and for each unanswered question, 1 mark is deducted. Find the lowest possible score for the quiz?

- -34.6
- -50.8
- -54.9
- -67.5

24) In an Anthropology quiz with 30 questions, each correct answer is awarded 1 marks, for each wrong answer, 2.5 marks are deducted and for each unanswered question, 0.5 mark is deducted. Find the lowest possible score for the quiz?

- -23
- -56
- -75
- -70

25) In a Science quiz with 50 questions, each correct answer is awarded 3 marks, for each wrong answer, 5 marks are deducted and for each unanswered question, 2 mark is deducted. Find the lowest



possible score for the quiz?

- -250
- -120
- -165
- -140

26) In a Social quiz with 5 questions, each correct answer is awarded 4 marks, for each wrong answer, 4.5 marks are deducted and for each unanswered question, 2 mark is deducted. Find the lowest possible score for the quiz?

- -34.3
- -12.5
- -22.5
- -10.3

27) In a History quiz with 40 questions, each correct answer is awarded 3 marks, for each wrong answer, 3.5 marks are deducted and for each unanswered question, 1.5 mark is deducted. Find the lowest possible score for the quiz?

- -125
- -140
- -145
- -100

28) In a Biology quiz with 50 questions, each correct answer is awarded 5 marks, for each wrong answer, 4.5 marks are deducted and for each unanswered question, 1.5 mark is deducted. Find the lowest possible score for the quiz?

- -345
- -225
- -256
- -278



29) In a Zoology quiz with 60 questions, each correct answer is awarded 4 marks, for each wrong answer, 5.5 marks are deducted and for each unanswered question, 1.5 mark is deducted. Find the lowest possible score for the quiz?

- - 330
- - 210
- - 275
- - 275

30) In an Economics quiz with 20 questions, each correct answer is awarded 1 marks, for each wrong answer, 1.5 marks are deducted and for each unanswered question, 0.5 mark is deducted. Find the lowest possible score for the quiz?

- -30
- -25
- -40
- -60