Sixth Grade - Fractions

1) Simplify the (12/5) × (13/7) without calculator and leave the answer as a fraction in the least form.

- 111/20
- 156/35
- 126/15
- 216/25

2) Simplify the (22/15) × (23/17) without calculator and leave the answer as a fraction in the least form.

- 206/215
- 136/120
- 506/255
- 456/315

3) Simplify the (21/15) × (33/7) without calculator and leave the answer as a fraction in the least form.

- 193/95
- 543/125
- 693/105
- 393/115

4) Simplify the (29/15) × (13/57) without calculator and leave the answer as a fraction in the least form.

- 177/215
- 377/855
- 247/755
- 277/635

5) Simplify the (39/25) × (43/17) without calculator and leave the answer as a fraction in the least form.

- 1457/325
- 1817/225
- 1677/425
- 677/105

6) Simplify the (69/15) × (13/16) without calculator and leave the answer as a fraction in the least form.

- 897/240
- 537/170
- 497/111
- 797/140

7) Simplify the (69/89) × (13/16) without calculator and leave the answer as a fraction in the least form.

- 717/1124
- 897/1424
- 797/1234
- 456/1333

8) Simplify the (169/89) × (103/6) without calculator and leave the answer as a fraction in the least form.

- 15307/434
- 17407/534
- 14407/313
- 12367/224

9) Simplify the (39/29) × (3/16) without calculator and leave the answer as a fraction in the least form.

- 117/464
- 191/384
- 311/344
- 217/454

10) Simplify the (139/9) × (13/36) without calculator and leave the answer as a fraction in the least form.

- 1517/134
- 1818/223
- 1807/324
- 1717/294

11) Simplify the (17/12) ÷ (6/9) without calculator and leave the answer as a fraction in the least form.

- 17/8
- 21/4
- 23/5
- 15/4

12) Simplify the (27/22) ÷ (11/12) without calculator and leave the answer as a fraction in the least form.

- 165/101
- 253/123
- 151/111
- 162/121

13) Simplify the (7/2) ÷ (10/12) without calculator and leave the answer as a fraction in the least form.

- 19/3
- 29/5
- 11/4
- 21/5

14) Simplify the (17/22) ÷ (210/120) without calculator and leave the answer as a fraction in the least form.

- 34/19

- 43/66
- 23/10
- 34/77

15) Simplify the (87/40) ÷ (80/28) without calculator and leave the answer as a fraction in the least form.

- 426 / 800
- 609 / 800
- 509 / 700
- 429 / 600

16) Simplify the (27/40) ÷ (30/28) without calculator and leave the answer as a fraction in the least form.

- 63/100
- 43/88
- 53/78
- 51/97

17) Simplify the (117 /60) ÷ (90/27) without calculator and leave the answer as a fraction in the least form.

- 117/200
- 217/450
- 177/150
- 111/200

18) Simplify the (47 /60) ÷ (47/90) without calculator and leave the answer as a fraction in the least form.

- 6/7
- 4/5
- 3/2
- 2/3

19) Simplify the (56/60) ÷ (78/90) without calculator and leave the answer as a fraction in the least form.

- 23/13
- 12/17
- 12/18
- 14/13

20) Simplify the (66/60) ÷ (78/70) without calculator and leave the answer as a fraction in the least form

- 33/35
- 19/30
- 13/15
- 23/20

21) Your job is to color wash 3/4 of the school's hall. Your friend agrees to help you and color wash 1/4 of your work. What fraction of the entire hall your friend agreed to color

- 6/17
- 2/11
- 9/16
- 4/15

22) Emy's job is to color wash 2/3 of the drawing room. Her friend agrees to help Emy and color wash 1/2 of her work. What fraction of the entire room Emy's friend agreed to color wash? What fraction of the entire hall Emy will have to do?

- 2/3
- 1/3
- 4/5
- 3/4

23) Tom's job is to color wash 11/15 of the compound wall. His friend agrees to help Tom and color

wash 13/15 of Tom's work. What fraction of the entire wall Tom's friend agreed to color wash? What fraction of the entire hall Tom will have to do?

- 15/219
- 41/155
- 11/135
- 22/225

24) Jack's job is to color wash 12/13 of the school's hall. His friend agrees to help Jack and color wash 13/15 of his work. What fraction of the entire hall Jack's friend agreed to color wash? What fraction of the entire hall Jack will have to do?

- 8/65
- 4/55
- 6/57
- 7/43

25) Your job is to color wash 4/6 of the auditorium's hall. Your friend agrees to help you and color wash 4/5 of your work. What fraction of the entire auditorium's hall your friend agreed to color wash? What fraction of the entire auditorium's hall you will have to do?

- 4/13
- 2/9
- 5/13
- 2/15

26) My mom's job is to color wash 1/4 of the kitchen wall. I agrees to help mom and color wash 4/5 of her work. What fraction of the entire wall I agreed to color wash? What fraction of the entire hall my mom will have to do?

- 1/20
- 4/13
- 2/15
- 3/10

27) Peter's job is to color wash 3/4 of the office wall. His friend agrees to help Peter and color wash 4/8 of his work. What fraction of the entire wall Peter's friend agreed to color wash? What fraction of the entire wall Peter will have to do?

- 3/8
- 1/8
- 2/9
- 4/7

28) Your job is to color wash 3/5 of the school's hall. Your friend agrees to help you and color wash 5/9 of your work. What fraction of the entire hall your friend agreed to color wash? What fraction of the entire hall you will have to do?

- 3/5
- 4/5
- 2/5
- 6/7

29) Mr.John's job is to color wash 3/4 of the room. His son agrees to help John and color wash 4/9 of his work. What fraction of the entire room his son agreed to color wash? What fraction of the entire room Mr. John will have to do?

- 7/17
- 4/13
- 5/12
- 9/20

30) Alex's job is to color wash 3/7 of the clinic. His friend agrees to help Alex and color wash 7/9 of his work. What fraction of the entire clinic Alex's friend agreed to color wash? What fraction of the entire hall Alex will have to do?

- 3/16
- 1/19
- 2/21
- 3/17