Sixth Grade - Fractions

1) Simplify the (12/5) \times (13/7) without calculator and leave the answer as a fraction in the least form.
 126/15 156/35 216/25 111/20
2) Simplify the (22/15) \times (23/17) without calculator and leave the answer as a fraction in the least form.
 206/215 506/255 456/315 136/120
3) Simplify the (21/15) \times (33/7) without calculator and leave the answer as a fraction in the least form.
 193/95 693/105 543/125 393/115
4) Simplify the (29/15) \times (13/57) without calculator and leave the answer as a fraction in the least form.
 377/855 247/755 277/635 177/215

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

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

6) \$	Simplify	the ((69/15)) × ((13/16)) without calculator	and leave the	e answer as a	a fraction i	n the least form.
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- 537/170
- 497/111
- 897/240
- 797/140

7)	Simplif	v the	(69/89)) × ((13/16)) without	t calculatoi	and leav	e the an	swer as a	fraction	in the	least form.
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- 797/1234
- 897/1424
- 456/1333
- 717/1124

8) Simplify the (169/89) \times (103/6) without calculator	and leave the answer as a fraction in the least form.
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- 12367/224
- 15307/434
- 17407/534
- 14407/313
- 9) Simplify the (39/29) \times (3/16) without calculator and leave the answer as a fraction in the least form.
 - 217/454
 - 191/384
 - 117/464
 - 311/344

• 34/19

10) Simplify the (139/9) \times (13/36) without calculator and leave the answer as a fraction in the least form.
 1807/324 1517/134 1818/223 1717/294
11) Simplify the (17/12) \div (6/9) without calculator and leave the answer as a fraction in the least form.
 15/4 21/4 17/8 23/5
12) Simplify the $(27/22) \div (11/12)$ without calculator and leave the answer as a fraction in the least form.
 253/123 151/111 162/121 165/101
13) Simplify the $(7/2) \div (10/12)$ without calculator and leave the answer as a fraction in the least form.
 11/4 19/3 29/5 21/5
14) Simplify the (17/22) \div (210/120) without calculator and leave the answer as a fraction in the least form.

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15) Simplify the (87/40) \div (80/28) without calculator and leave the answer as a fraction in the least form.
 509 / 700 429 / 600 426 / 800 609 / 800
16) Simplify the (27/40) \div (30/28) without calculator and leave the answer as a fraction in the least form.
 51/97 53/78 43/88 63/100
17) Simplify the (117 /60) \div (90/27) without calculator and leave the answer as a fraction in the least form.
 111/200 217/450 117/200 177/150
18) Simplify the $(47/60) \div (47/90)$ without calculator and leave the answer as a fraction in the least form.
 2/3 6/7 4/5 3/2

19) Simplify the (56/60) \div (78/90) without calculator and leave the answer as a fraction in the least form.
 12/18 12/17 14/13 23/13
20) Simplify the (66/60) \div (78/70) without calculator and leave the answer as a fraction in the least form
 23/20 13/15 19/30 33/35
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?
 1/3 4/5 2/3 3/4

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

5/8

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?

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

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
- 7/43
- 6/57

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?

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

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?

- 2/15
- 4/13
- 1/20
- 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?

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

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?

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

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
- 5/12
- 4/13
- 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?

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

