

with(*plots*) :
 $2^3 \cdot 3^2 \cdot 5 \cdot 7^3 \cdot 13^2 \cdot 23^3$

253902416040 (1)

$\frac{41}{17}$

$\frac{41}{17}$ (2)

$\frac{253902416040}{2}$

126951208020 (3)

$\frac{\%}{2}$

63475604010 (4)

$\frac{\%}{2}$

31737802005 (5)

$\frac{\%}{3}$

10579267335 (6)

$\frac{\%}{3}$

3526422445 (7)

$\frac{\%}{3}$

$\frac{3526422445}{3}$ (8)

$\frac{3526422445}{5}$

705284489 (9)

$\frac{\%}{7}$

100754927 (10)

$\frac{\%}{7}$

14393561 (11)

$\frac{\%}{7}$

2056223 (12)

$\frac{\%}{7}$

	$\frac{2056223}{7}$	(13)
$\frac{2056223}{11}$		
	$\frac{2056223}{11}$	(14)
$\frac{2056223}{13}$		
	158171	(15)
$\frac{\%}{13}$		
	12167	(16)
$\frac{\%}{13}$		
	$\frac{12167}{13}$	(17)
$\frac{12167}{17}$		
	$\frac{12167}{17}$	(18)
$\frac{12167}{19}$		
	$\frac{12167}{19}$	(19)
$\frac{12167}{23}$		
	529	(20)
$\frac{\%}{23}$		
	23	(21)
$2 \cdot 3 \cdot 7 \cdot 13 \cdot 23 \cdot \sqrt{2 \cdot 5 \cdot 7 \cdot 23}$		
	$12558 \sqrt{1610}$	(22)
$\sqrt{253902416040}$		
	$12558 \sqrt{1610}$	(23)
$\frac{(8 + I)}{1 - \text{sqrt}(3) \cdot I}$		
	$\frac{8 + I}{1 - I\sqrt{3}}$	(24)
<i>simplify(%)</i>		

$$\frac{-8 - I}{I\sqrt{3} - 1} \quad (25)$$

`%*(1 + sqrt(3))*I`

$$\frac{(-8 - I)(1 + I\sqrt{3})}{I\sqrt{3} - 1} \quad (26)$$

`expand(%)`

$$-\frac{8}{I\sqrt{3} - 1} - \frac{I}{I\sqrt{3} - 1} - \frac{8I\sqrt{3}}{I\sqrt{3} - 1} + \frac{\sqrt{3}}{I\sqrt{3} - 1} \quad (27)$$