

	Sheet 1	Sheet 2	Sheet 3	Sheet 4
1	{1, 2, 3, 4, 6, 9, 12, 18, 36}	{1, 2, 4, 13, 26, 52}	{1, 2, 4, 17, 34, 68}	{1, 2, 3, 4, 6, 9, 12, 18, 36}
2	1	24	12	18
3	350 s	96 s	44.8 s	252 s
4	482.4	62.4	413.63	1.41
5	30,000	$\frac{3}{1000}$ or 0.003	$\frac{7}{100}$ or 0.07	7,000
6	900	7000	6	0.004
7	890	0.0096	0.0035	56,000
8	3928.4	684.3	0.032	853,000
9	$782.25 \leq G < 782.35$	$17.35 \leq G < 17.45$	$87.355 \leq G < 87.365$	$395 \leq G < 405$
10	$7\frac{5}{16}$	$5\frac{31}{36}$	$9\frac{414}{1331}$	$267\frac{55}{64}$
11	2^{32}	3^3	7^{-34}	2
12	$8x(2x + 3)$	$16x(3x + 1)$	$7a^3b^2c^2(5b^3 + 6ac^2)$	$7a^4b^2(5a^4b^2c^7 + 8a^7b^5c^2 - 12a + 2)$
13	$43x^2 + 5xy - 21x$	$-12x^2 + 22xy + 103x$	$27x^4y^2 + 45xy^3 + 72xy^2 - 6x^2y^4 + 48x^2y^2$	$96x^4y^2 + 72xy^3 + 84xy^2 - 42x^4y - 21x^2y^3 + 63x^2y$
14	$20x^2 - 7x - 6$	$35x^2 - 33x - 54$	$144x^3 - 170x^2 - 139x + 105$	$495x^3 - 546x^2 - 225x + 84$
15	$(2x + 7)(2x + 3)$	$(2x + 7)(3x + 8)$	$(4x + 2)(7x - 8)$	$(8x - 12)(3x - 4)$
16	$(x + 12)^2 - 151$	$(x + 12)^2 - 151$	$(x + 6)^2 - 94$	$3(x + 4)^2 - 120$
17	$\left(4x + \frac{3}{5}\right)\left(4x - \frac{3}{5}\right)$	$\left(\frac{5}{9}x + \frac{2}{3}\right)\left(\frac{5}{9}x - \frac{2}{3}\right)$	$\left(\frac{4}{9}x + \frac{7}{11}y^4\right)\left(\frac{4}{9}x - \frac{7}{11}y^4\right)$	$\left(\frac{5}{6}x^6 + \frac{3}{5}y^{\frac{11}{2}}\right)\left(\frac{5}{6}x^6 - \frac{3}{5}y^{\frac{11}{2}}\right)$
18	$\frac{2}{35}$	$\frac{189}{27040}$	$\frac{121}{3042}$	$\frac{32}{3087}$
19	10	1	$\frac{1}{300}$	$31\frac{1}{9}$
20	a=20, b=-4	a=18, b=-18	a=17, b=-25	a=9, b=2