Simplifying Expressions

1) Simplify the following expressions:

a) $1 \times m$

b) $2 \times m$

c) $3 \times m$

d) $m \times 3$

e) $2 \times 3 \times m$

f) $3 \times m \times 2$

2) Simplify the following expressions:

a) $1 \times 4m$

b) $2 \times 4m$

c) $3 \times 4m$

d) $4m \times 3$

e) $4 \times 3 \times m$

f) $3 \times m \times 4$

3) Simplify the following expressions:

a) $m \times m$

b) $2m \times m$

c) $2m \times 3m$

d) $m \times n$

e) $5 \times 3m \times m$

f) $2n \times 3m \times 4$

4) Simplify the following expressions:

a) $36m \div 9$

b) $36m \div 9m$

c) $36m \div 4$

d) $36m \div 4m$

e) $9m \div 36$

f) $9 \div 36m$

5) Simplify the following expressions:

a) $24p^2 \div 8$

b) $24p^2 \div 8p$

c) $24p^2 \div 8p^2$

d) $48p^2 \div 16$

e) $72p^2 \div 24p$

f) $72p^6 \div 24p^3$

6) Simplify the following expressions:

a) $m^3 \times m^3$ b) $4m^3 \times m^3$ c) $4m^3 \times 4m^3$

d) $(4m)^2$ e) $4 \times m^2$ f) $4^2 \times m$

7) Simplify the following expressions:

a) $6 \times 4 \div 8$ b) $6p \times 4 \div 8$ c) $6p^2 \times 4 \div 8$

d) $6p \times 4p \div 6$ e) $6p \times 4p^2 \div 8p$ f) $3p \times 4p \div 6p$

8) Simplify the following expressions:

a) $3r \times 2 + 8$ b) $3r + 2 \times 8$ c) $r \times r \div 8 + r^2 \times 3$

d) $r^2 \times r \div 8 + r^2 \times 3$ e) $6r^2 + r^2 \times 4 - r^2$ f) $(4r + 2r)^2 \div 8r + 7$

9) Simplify the following expressions:

a) $3r \times 2t + 8$ b) $3r + 2t \times 8$ c) $r \times t \div 8 + r^2 \times 3$

d) $r^2 \times t \div 8 + t^2 \times 3$ e) $6r^2 + r^2 \times 4 - t^2$ f) $(4r + 2r)^2 \div 8t + 7$

10) The answer is $14g$. Make a question which includes at minimum of:

Example	One multiplication sign	$2 \times 7g$
a)	One division sign	
b)	A power (e.g. a squared)	
c)	Two multiplication signs	
d)	A multiplication sing, a power, and an addition	
e)	A set of brackets and a power	
f)	6 terms	