Dalkeith High School - Level 4 – HOMEWORK 2

Remember BODMAS!

1. Find :-

(a) $5 \times (-3)$	(b) $4 \times (-4)$	(c) $(-7) \times 5$	(d) $(-5) \times 11$
(e) $15 \times (-3)$	(f) $1 \times (-1)$	(g) $(-8) \times 8$	(h) $10 \times (-10)$
(i) $(-15) \div 3$	(j) $(-28) \div 7$	(k) $(-72) \div 9$	(l) $(-169) \div 13$
(m) $10 \times (-15)$	(n) $(-1) \div 1$	(o) $(-99) \times 8$	(p) $(-1000) \div 1000$

2. Calculate :-

(a) $(3 \times 6) \div 9$	(b) $(12 \times 6) \div 8$	(c) $3 \times 4 \times (-2)$	(d) $(-5) \times 15 \div 25$
(e) $20 \times (-20) \div 40$	(f) $((-6) + 8) \times 3$	(g) $(4 - (-2)) \times 5$	(h) $((-7) - (-3)) \div 2$

3. Find :-

(a) $30 \div (-3)$	(b) $54 \div (-6)$	(c) $80 \div (-4)$	(d) $36 \div (-6)$
(e) $84 \div (-3)$	(f) $225 \div (-25)$	(g) $74 \div (-37)$	(h) $30 \div (-4)$

4. Calculate :-

(a) $(-3) \times (-4)$	(b) $(-5) \times (-5)$	(c) $(-7) \times (-2)$	(d) $(-7) \times (-12)$
(e) $(-15) \times (-4)$	(f) $(-8) \times (-12)$	(g) $(-50) \times (-20)$	(h) $(-100) \times (-30)$
(i) $(-6) \div (-2)$	(j) $(-9) \div (-3)$	(k) $(-16) \div (-4)$	(l) $(-1000) \div (-50)$
(m) $(-64) \div (-16)$	(n) $(-600) \div (-50)$	(o) $(-22) \div (-4)$	(p) $(-41) \div (-4)$

5. Joan thinks that if she calculates the answer to $(-3)^3$ it will be positive.

   Is she correct? You **must** explain your answer fully.

6. Find :-

(a) $(3 \times (-6)) \div 2$	(b) $((-3) \times (-4)) \div 6$	(c) $((-6) \times (-4)) \div 12$	(d) $((-4) + (-6)) \div 2$
(e) $(5 - (-5)) \times 4$	(f) $((-6) + (-6)) \div 4$	(g) $(-8) \times (4 - 6)$	(h) $((-3) - (-9)) \div (-2)$
(i) $(-3) \times (-4) \times (-5)$	(j) $6 \times (-2) \times (-4)$	(k) $8 \times (-2) \div (-1)$	(l) $(-2)^3$
(m) $(-4)^3$	(n) $(-2)^2 + (-1)^2$	(o) $(-5)^3 - (-3)^4$	(p) $(-2)^5 - (-2)^3$