

10) 20

11)  $\frac{1}{10}$

13)  $m = 92$

14)  $\frac{1}{6}$

16)  $\frac{12}{x}$

17)  $b^2$

18)  $\frac{47y}{21}$

i.  $x \div y = 6; y \div x = \frac{1}{6};$

ii.  $x \div y = -4; y \div x = -\frac{1}{4};$

iii.  $x \div y = \frac{5}{6}; y \div x = \frac{6}{5}$

20a)

20b) Division is not commutative as shown in A

20c) They are multiplicative inverses (reciprocals) of each other

21)  $\frac{5d^2}{169}$

22a) A

22b) It decreases by \$400 per year

22c) About 2.5 years

26)  $4.5 \text{ m}^2$

4) 7.57 hrs/night

6a)  $\frac{a+b+c+d}{4}$

6b) points/game

7a)  $-\frac{5}{8}$  degrees per hour7b)  $-5$  degrees per hour

8) C