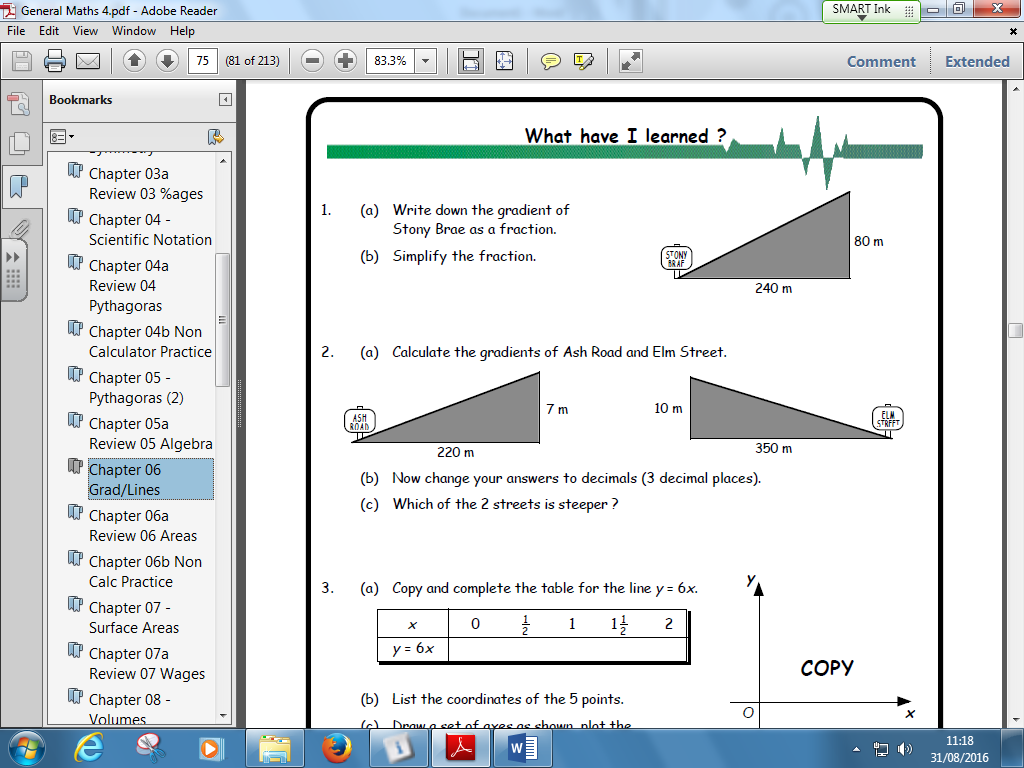
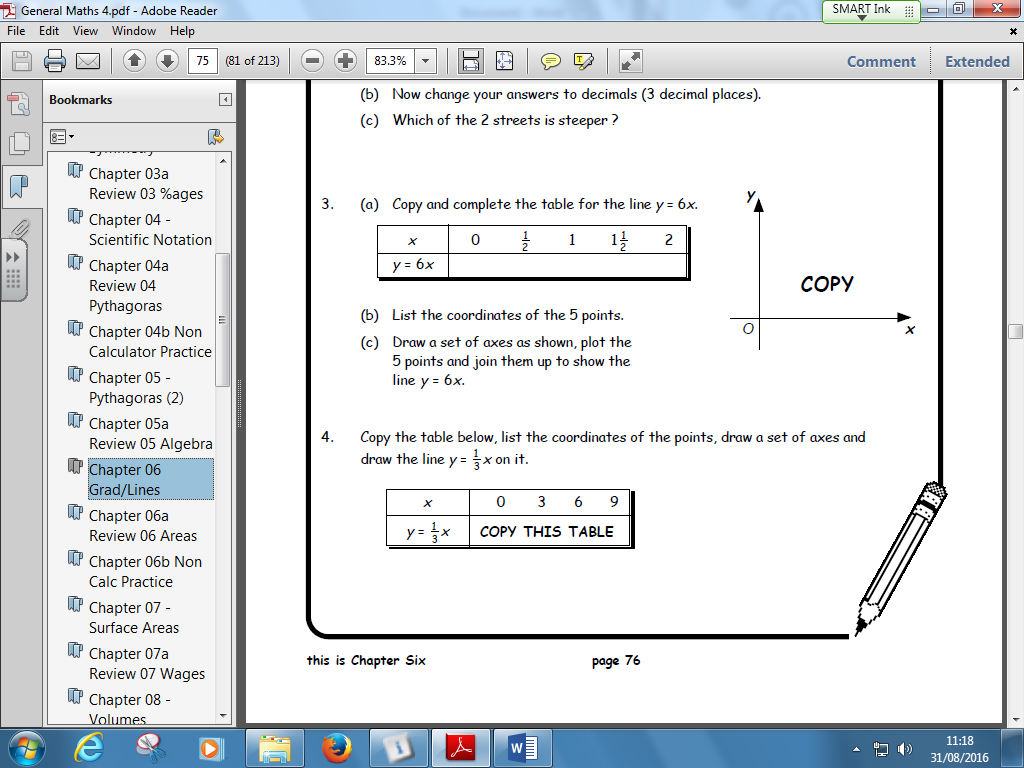
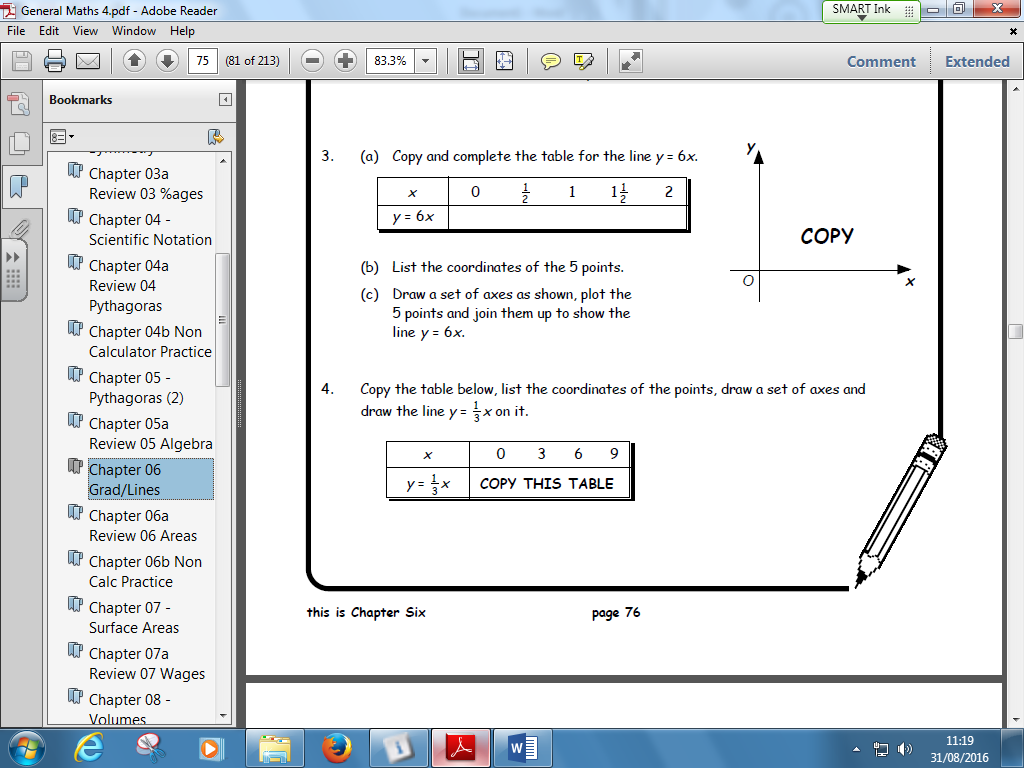
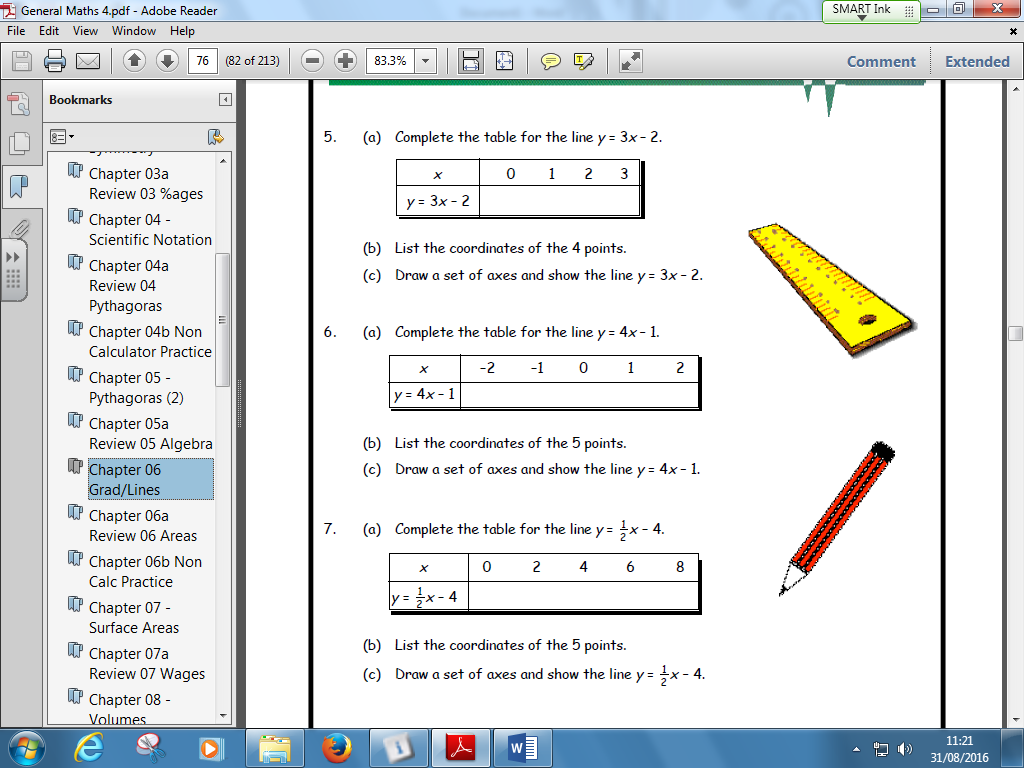
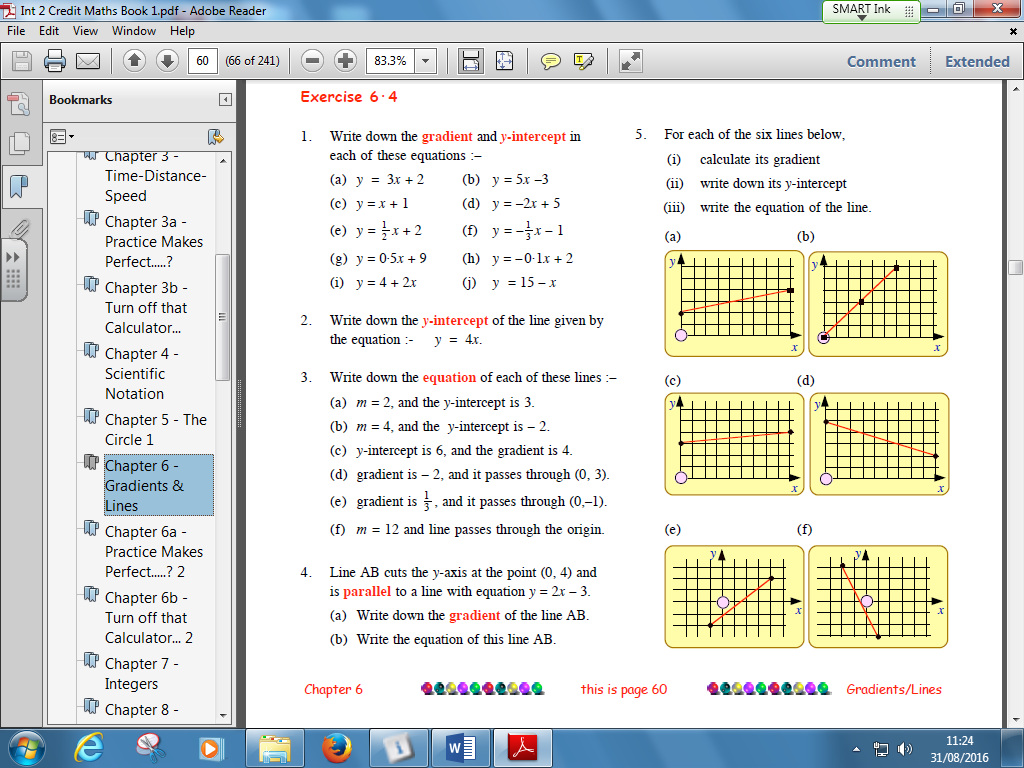
S3 Gradient and Straight Line Revision



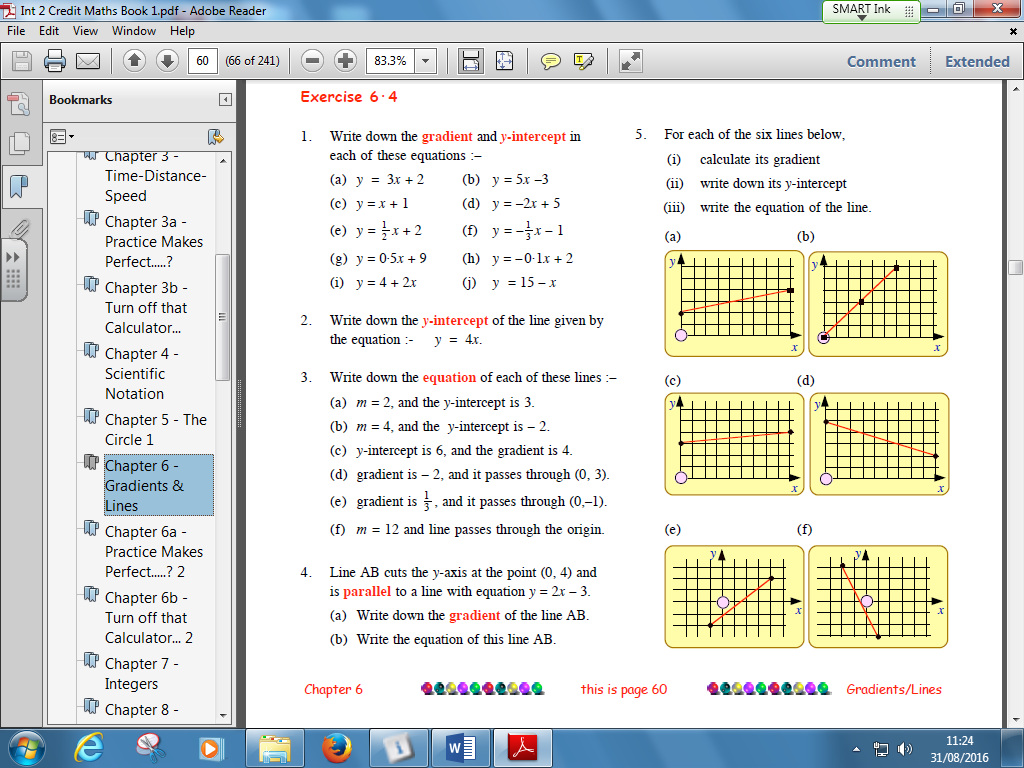








8.

9.

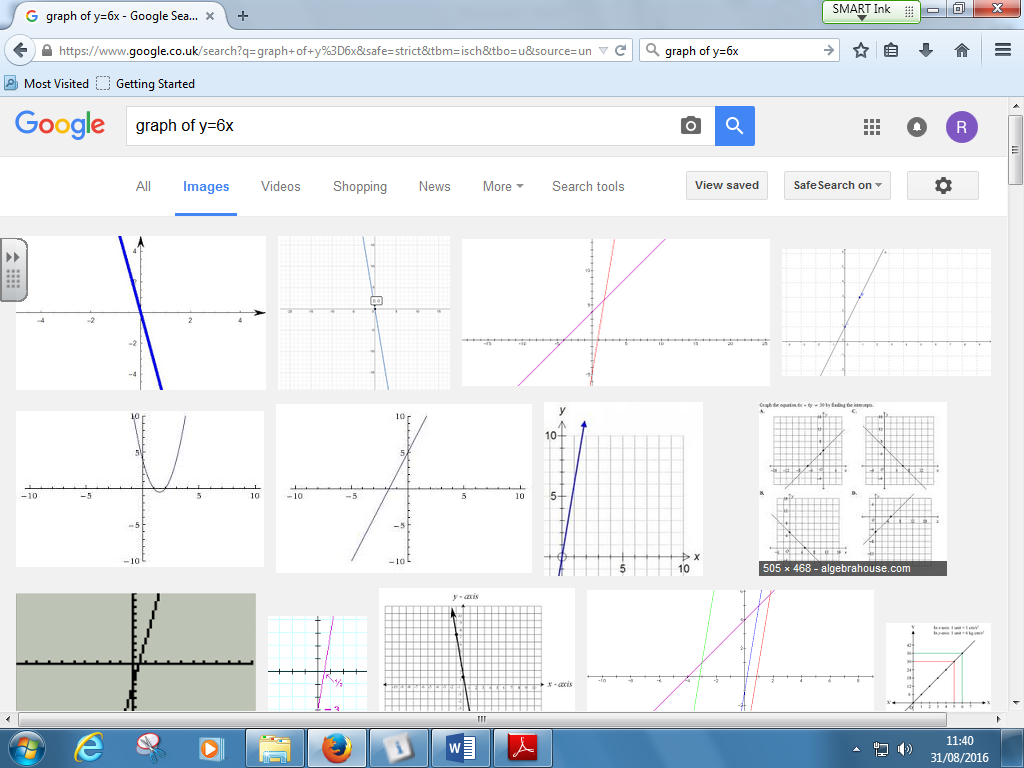
Solutions

1. a) b)

2a) , b) 0.032, 0.029 c) Ash road is steeper

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | 0 | 0.5 | 1 | 1.5 | 2 |
| y | 0 | 3 | 6 | 9 | 12 |

3a)

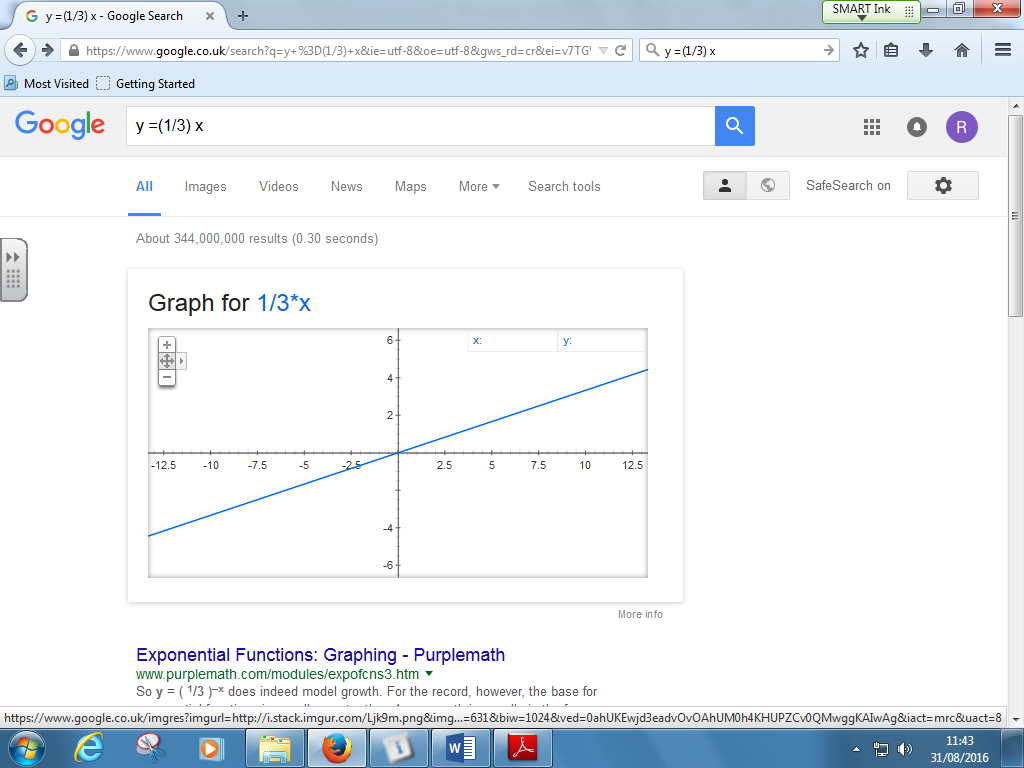
 b) (0,0) (0.5, 3) (1,6) (1.5, 9) (2, 12)

c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x | 0 | 3 | 6 | 9 |
| y | 0 | 1 | 2 | 3 |

4a)

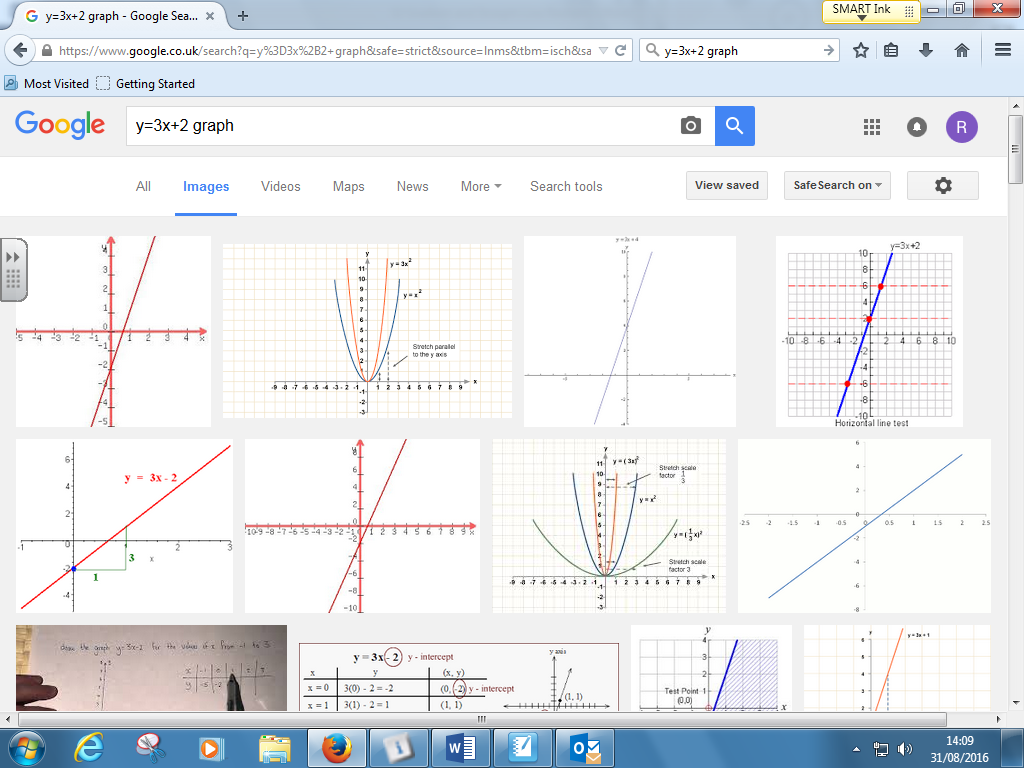
b) (0,0) (3,1) (6,2) (9,3)

c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x | 0 | 1 | 2 | 3 |
| y | -2 | 1 | 4 | 7 |

5a)

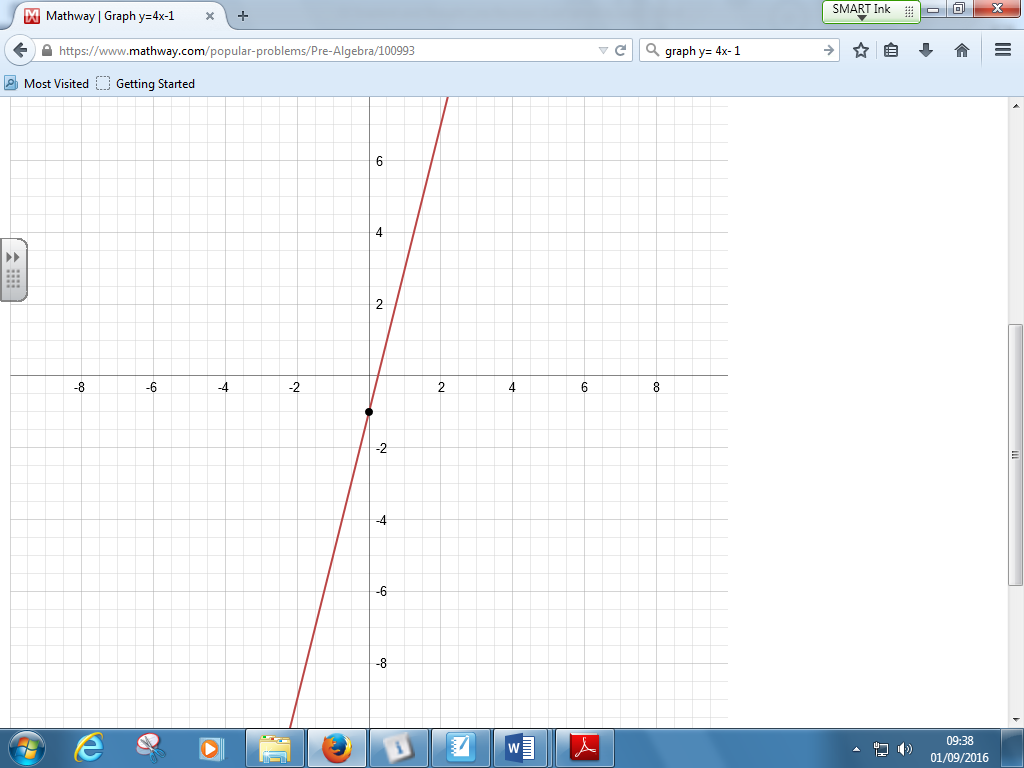
b) (0, -2) (1,1) (2,4) (3,7)

c)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | -2 | -1 | 0 | 1 | 2 |
| y | -9 | -5 | -1 | 3 | 7 |

6a)

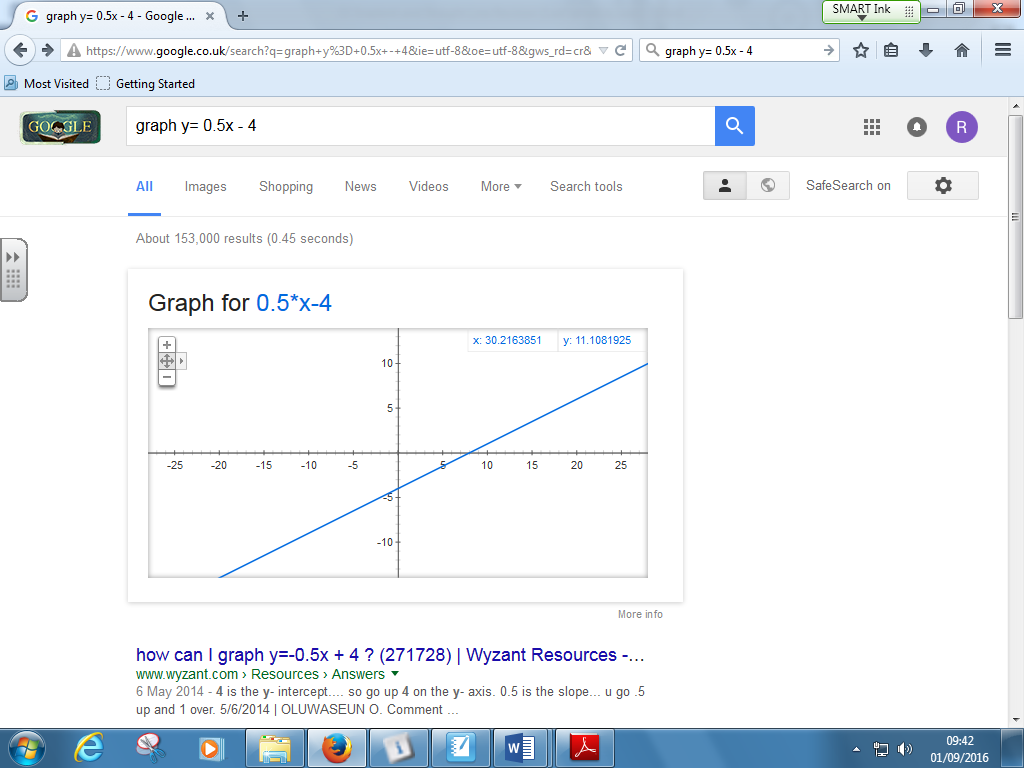
b) (-2, -9) (-1,- 5) (0, -1) (1, 3) (2, 7)

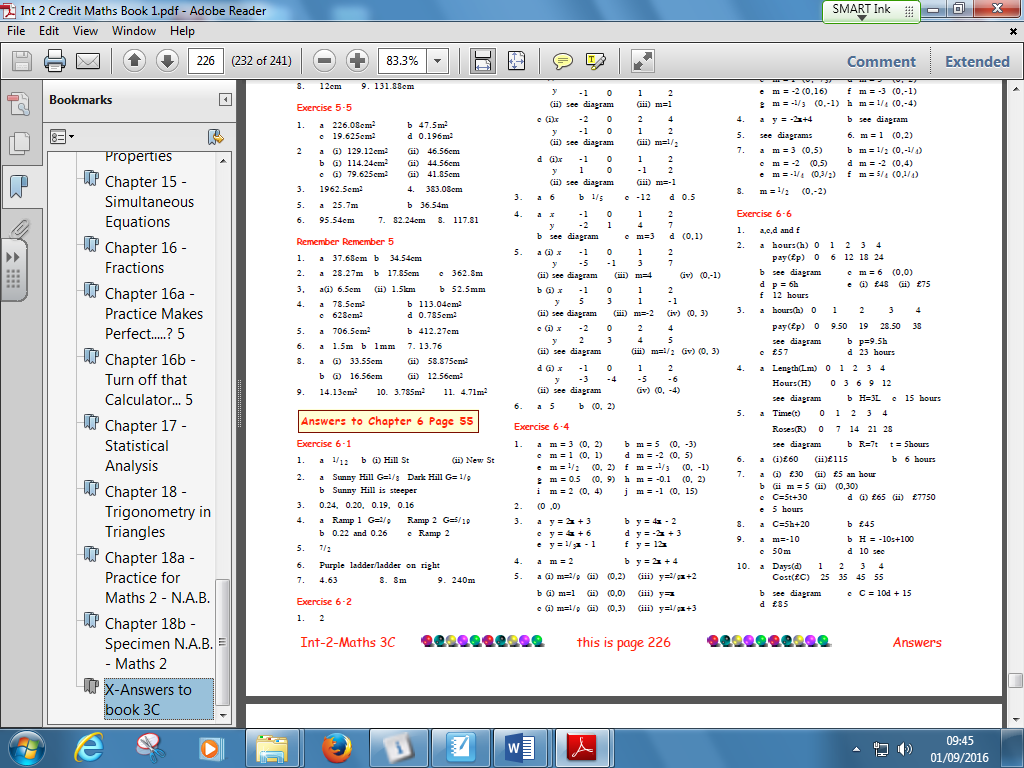
c) 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X | 0 | 2 | 4 | 6 | 8 |
| y | -4 | -3 | -2 | -1 | 0 |

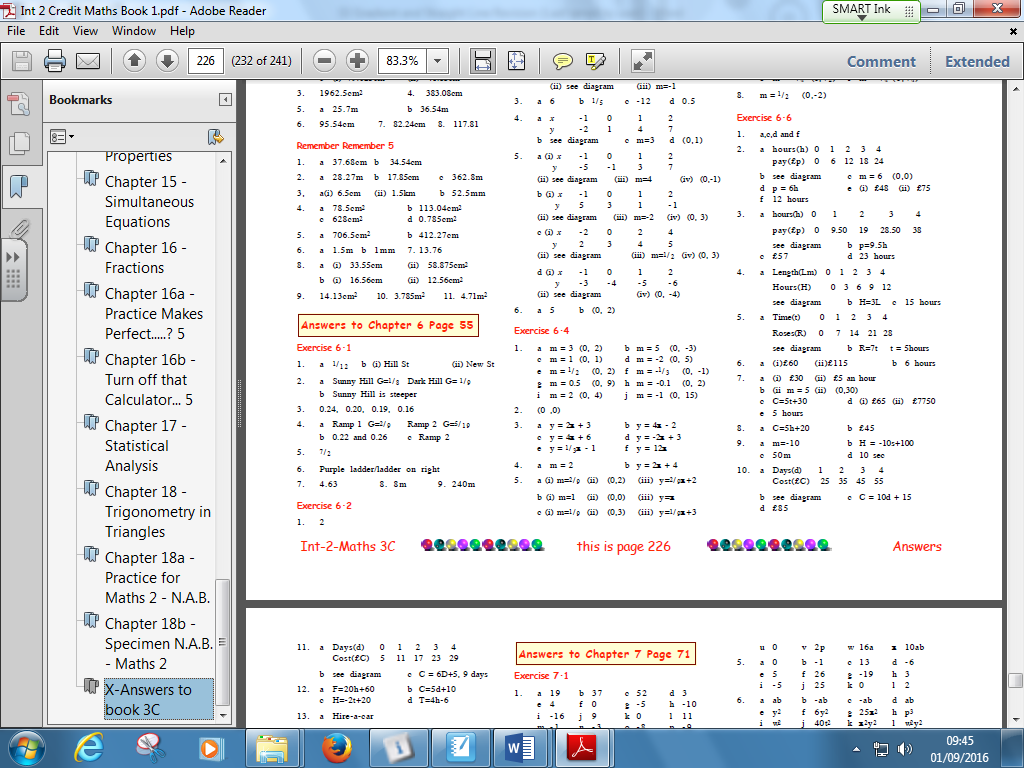
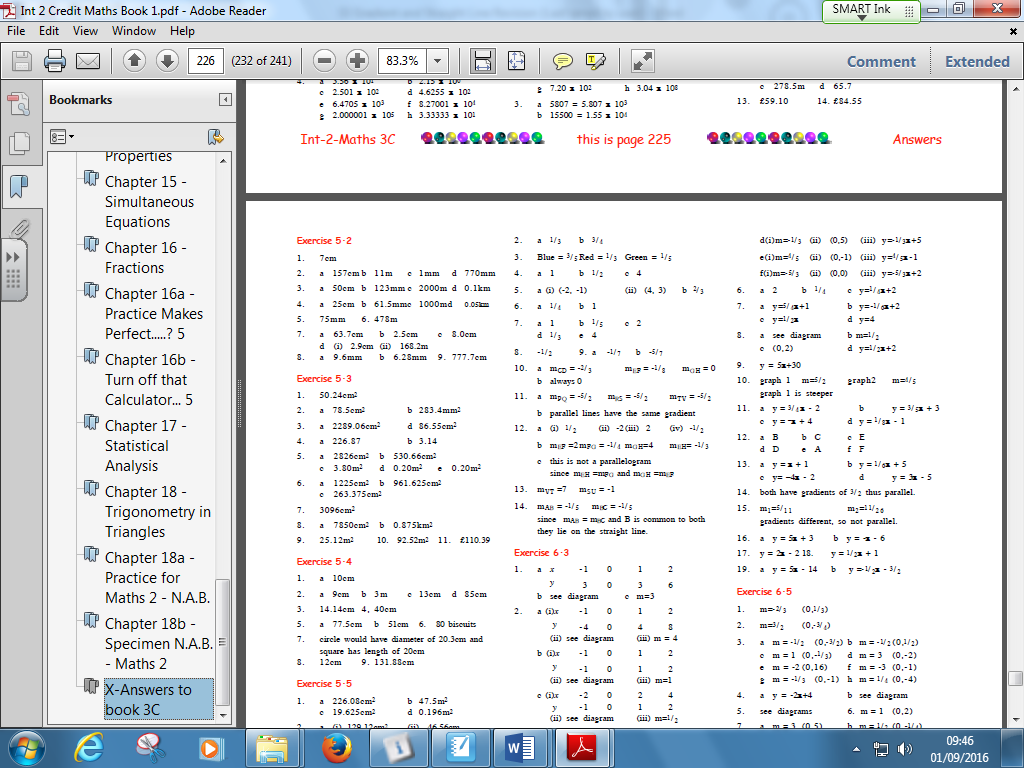
7 a)

b) (0, -4) (2, -3) (4, -2) (6, -1) (8, 0)

C)



8

9.