

Mathematics 2 ESO - Unit 1 (INTEGERS)

Page 6 - Activity 10 (b1)

a) watch <http://www.youtube.com/watch?v=y6lr4FnnOE> and solve:

- | | |
|-------------------------|-----------------------|
| i. $3 \cdot 3$ | xii. $6 / 6$ |
| ii. $(-3) \cdot 3$ | xiii. $4 / (-2)$ |
| iii. $(-3) \cdot (-3)$ | xiv. $(-8) / 8$ |
| iv. $2 \cdot (-8)$ | xv. $(-20) / (-10)$ |
| v. $3 \cdot (-3)$ | xvi. $8 / (-2)$ |
| vi. $(-12) \cdot 2$ | xvii. $(-12) / 2$ |
| vii. $(-1) \cdot (-10)$ | xviii. $(-10) / (-1)$ |
| viii. $5 \cdot (-6)$ | xix. $52 / (-6)$ |
| ix. $10 \cdot 56$ | xx. $(-20) / 4$ |
| x. $(-1) \cdot (-6)$ | xxi. $34 / 34$ |
| xi. $(-9) \cdot 9$ | xxii. $(-18) / (-9)$ |

b) watch <http://www.youtube.com/watch?v=R3M5Ktv3sLc>

Draw a "sign triangle" and use it to solve:

- | | |
|--------------------------|-----------------------|
| i. $4 \cdot (-6)$ | xii. $42 / (-6)$ |
| ii. $(-7) \cdot (-10)$ | xiii. $(-70) / (-5)$ |
| iii. $5 \cdot (-8)$ | xiv. $56 / (-8)$ |
| iv. $(-10) \cdot (-50)$ | xv. $(-100) / (-50)$ |
| v. $(-3) \cdot (-20)$ | xvi. $(-30) / (-20)$ |
| vi. $(-9) \cdot 11$ | xvii. $789 / (-1)$ |
| vii. $(-2) \cdot 5$ | xviii. $842 / 2$ |
| viii. $(-2) \cdot (-56)$ | xix. $(-99) / 11$ |
| ix. $6 \cdot 100$ | xx. $(-20) / 5$ |
| x. $1 \cdot (-789)$ | xxi. $(-256) / (-8)$ |
| xi. $(-1) \cdot 842$ | xxii. $(-60) / (-15)$ |

c) Bob receives 5 € from each of his 5 aunties. How much money has Bob?

d) Peter owes 12 € to each of his 7 friends. How much money has Peter?