

Bellwork Hon Alg 2 Wednesday, November 9, 2016

3. What is the average (arithmetic mean) of all the multiples of ten from 10 to 190 inclusive?

- ☐ A. 90
- ☐ B. 95
- ☐ C. 100
- ☐ D. 105
- ☐ E. 110

4. A cubical block of metal weighs 6 pounds. How much will another cube of the same metal weigh if its sides are twice as long?

- ☐ A. 48
- ☐ B. 32
- ☐ C. 24
- ☐ D. 18
- ☐ E. 12

5. In a class of 78 students 41 are taking French, 22 are taking German. Of the students taking French or German, 9 are taking both courses. How many students are not enrolled in either course?

- ☐ A. 6
- ☐ B. 15
- ☐ C. 24
- ☐ D. 33
- ☐ E. 54

8.  $2^{30} + 2^{30} + 2^{30} + 2^{30} =$

- ☐ A.  $8^{120}$
- ☐ B.  $8^{30}$
- ☐ C.  $2^{32}$
- ☐ D.  $2^{30}$
- ☐ E.  $2^{26}$

Bellwork Hon Alg 2 Wednesday, November 9, 2016

Answers

3. What is the average (arithmetic mean) of all the multiples of ten from 10 to 190 inclusive?

- ☐ A. 90
- ☐ B. 95
- ☒ C. 100
- ☐ D. 105
- ☐ E. 110

4. A cubical block of metal weighs 6 pounds. How much will another cube of the same metal weigh if its sides are twice as long?

- ☒ A. 48
- ☐ B. 32
- ☐ C. 24
- ☐ D. 18
- ☐ E. 12

5. In a class of 78 students 41 are taking French, 22 are taking German. Of the students taking French or German, 9 are taking both courses. How many students are not enrolled in either course?

- ☐ A. 6
- ☐ B. 15
- ☒ C. 24
- ☐ D. 33
- ☐ E. 54

8.  $2^{30} + 2^{30} + 2^{30} + 2^{30} =$

- ☐ A.  $8^{120}$
- ☐ B.  $8^{30}$
- ☒ C.  $2^{32}$
- ☐ D.  $2^{30}$
- ☐ E.  $2^{26}$