

Date 2-5-19

(a) Write the polynomial in standard form. (b) Classify the polynomial by degree and number of terms. (c) Describe the end behavior.

1) $9b^3 + 2b^2$

a) Standard form:

b) Classification:

c) End Behavior:

2) $-2x^6 - 1 + 3x$

a) Standard form:

b) Classification:

c) End Behavior:

3) $2x^6 - 3x^4$

a) Standard form:

b) Classification:

c) End Behavior:

4) $-4 - 8b$

a) Standard form:

b) Classification:

c) End Behavior:

5) $9r + 8$

a) Standard form:

b) Classification:

c) End Behavior:

6) $-5m^7$

a) Standard form:

b) Classification:

c) End Behavior:

7) $7 - 10n^7$

a) Standard form:

b) Classification:

c) End Behavior:

8) $p^2 + 2p^4$

a) Standard form:

b) Classification:

c) End Behavior:

9) $2b + 2b^4 - 9b^6 + 5b^3$

a) Standard form:

b) Classification:

c) End Behavior:

10) $9m^3 - m^5 - 7m^2$

a) Standard form:

b) Classification:

c) End Behavior:

11) k

a) Standard form:

b) Classification:

c) End Behavior:

13) $-2b^3 - 2b^7 - 6 - 3b^4$

a) Standard form:

b) Classification:

c) End Behavior:

15) $-9n^2 - 10$

a) Standard form:

b) Classification:

c) End Behavior:

17) $9n - 6 - 5n^3 - 9n^2$

a) Standard form:

b) Classification:

c) End Behavior:

19) $-3n + 8n^3 - 2n^4$

a) Standard form:

b) Classification:

c) End Behavior:

12) $9b^2 + 7b + 3b^3 - 3$

a) Standard form:

b) Classification:

c) End Behavior:

14) $4 + 8x$

a) Standard form:

b) Classification:

c) End Behavior:

16) $-6p^5 - 5p^2 - 4 + 7p^3$

a) Standard form:

b) Classification:

c) End Behavior:

18) $-8x + 7x^3 - 5 + 4x^7$

a) Standard form:

b) Classification:

c) End Behavior:

20) $-7p^2 - 3p^5$

a) Standard form:

b) Classification:

c) End Behavior:

SLOT Practice - Mean, Median, Mode & Range

Find the mean, median, mode and range for each data set.

Show required work. Use round off rule as needed.

1) Test Scores

36	52	43	53	43	49	57
48	50	47	52	51	50	49
52	52					

Mean:

Median:

Mode:

Range:

2) Minutes to Run 5km

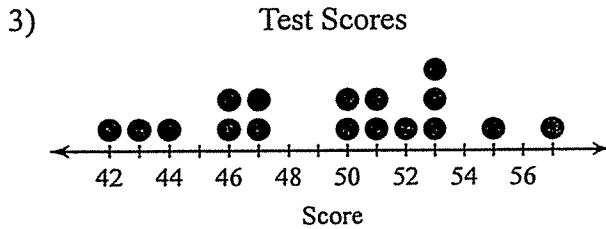
36.4	21.3	41	25.6	44.7
31.6	32.6	27.5	25.9	26.8
38.9	40.4	38.9	27.9	36.3
36.1	45.6			

Mean:

Median:

Mode:

Range:

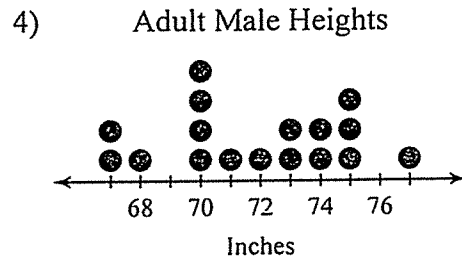


Mean:

Median:

Mode:

Range:



Mean:

Median:

Mode:

Range:

5) Average Lifespan

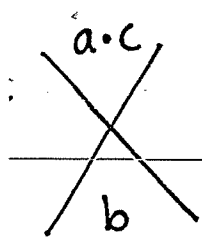
Animal	Years	Animal	Years	Animal	Years	Animal	Years
Cat	25	Galapagos Land Tortoise	193	Chimpanzee	40	Wolf	18
Boa Constrictor	23	Lion	35	Pionus Parrot	15	Pig (wild)	25
Nutria	15	Fox	14	Tiger Salamander	11	Bat	24
Wombat	15	Ox	20	Domestic Pigeon	26	Grizzly bear	32
Sulphur Crested Cockatoo	40						

Mean:

Median:

Mode:

Range:



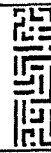
multiply to find
the top, add to
find the bottom

Do your work on looseleaf.
No work no credit

When is a Wrestler "King of the Ring"?



Factor each trinomial below. Find your answer and notice the letter next to it. Write this letter in the box containing the number of that exercise. Keep working and you will get the gripping answer to the title question.



- ① $n^2 + 6n + 5$
- ② $n^2 + 7n + 10$
- ③ $n^2 - 7n + 12$
- ④ $n^2 - 11n + 28$
- ⑤ $n^2 + 2n - 15$
- ⑥ $n^2 - 5n - 24$
- ⑦ $n^2 + n - 56$

Answers:

- Ⓐ $(n + 2)(n + 6)$
- Ⓕ $(n + 5)(n - 3)$
- ⒱ $(n + 5)(n + 1)$
- Ⓔ $(n - 3)(n - 4)$
- Ⓑ $(n - 1)(n + 15)$
- Ⓒ $(n + 8)(n - 7)$
- Ⓓ $(n + 2)(n + 5)$
- Ⓔ $(n - 8)(n + 3)$
- Ⓓ $(n - 12)(n - 2)$
- Ⓓ $(n - 7)(n - 4)$

- ⑧ $t^2 + 10t + 16$
- ⑨ $t^2 - 15t + 50$
- ⑩ $t^2 + 8t - 9$
- ⑪ $t^2 - 7t - 30$
- ⑫ $t^2 - t - 30$
- ⑬ $t^2 + 14t + 48$
- ⑭ $t^2 + 8t - 48$

Answers:

- Ⓓ $(t - 6)(t + 5)$
- ⒱ $(t - 25)(t + 2)$
- Ⓓ $(t - 5)(t - 10)$
- Ⓓ $(t + 6)(t + 8)$
- Ⓓ $(t - 10)(t + 3)$
- Ⓓ $(t + 15)(t - 2)$
- Ⓓ $(t + 8)(t + 2)$
- Ⓓ $(t - 4)(t + 12)$
- Ⓓ $(t + 9)(t - 1)$
- Ⓓ $(t - 24)(t + 2)$

- ⑮ $a^2 + 5ab + 6b^2$
- ⑮ $a^2 - 4ab - 21b^2$
- ⑮ $a^2 + 6ab - 7b^2$
- ⑮ $a^2 - 14ab - 32b^2$
- ⑮ $a^2 - 29ab + 100b^2$
- ⑮ $a^2 + 7ab - 18b^2$
- ⑮ $a^2 + 2ab + b^2$

Answers:

- Ⓐ $(a - 8b)(a + 4b)$
- Ⓓ $(a + 7b)(a - b)$
- Ⓐ $(a - 20b)(a + 5b)$
- Ⓓ $(a + 2b)(a + 3b)$
- ⒱ $(a + 9b)(a - 2b)$
- Ⓓ $(a - 7b)(a + 3b)$
- Ⓓ $(a - 25b)(a - 4b)$
- Ⓓ $(a + 6b)(a + 3b)$
- Ⓓ $(a + b)(a + b)$
- Ⓓ $(a - 16b)(a + 2b)$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
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