

Rounding — To the nearest 10

Name: _____

Date: _____

1 $616 \approx \underline{620}$

2 $999 \approx \underline{\quad}$

3 $814 \approx \underline{\quad}$

4 $659 \approx \underline{\quad}$

5 $242 \approx \underline{\quad}$

6 $265 \approx \underline{\quad}$

7 $66 \approx \underline{\quad}$

8 $929 \approx \underline{\quad}$

9 $567 \approx \underline{\quad}$

10 $149 \approx \underline{\quad}$

11 $311 \approx \underline{\quad}$

12 $732 \approx \underline{\quad}$

13 $463 \approx \underline{\quad}$

14 $568 \approx \underline{\quad}$

15 $443 \approx \underline{\quad}$

16 $846 \approx \underline{\quad}$

17 $758 \approx \underline{\quad}$

18 $675 \approx \underline{\quad}$

19 $422 \approx \underline{\quad}$

20 $768 \approx \underline{\quad}$

21 $857 \approx \underline{\quad}$

22 $771 \approx \underline{\quad}$

23 $87 \approx \underline{\quad}$

24 $357 \approx \underline{\quad}$

25 $229 \approx \underline{\quad}$

26 $237 \approx \underline{\quad}$

27 $78 \approx \underline{\quad}$

28 $669 \approx \underline{\quad}$

29 $695 \approx \underline{\quad}$

30 $877 \approx \underline{\quad}$



Rounding — To the nearest 100

Name: _____

Date: _____

1 $3509 \approx \underline{3500}$

2 $9644 \approx \underline{\hspace{2cm}}$

3 $4282 \approx \underline{\hspace{2cm}}$

4 $8075 \approx \underline{\hspace{2cm}}$

5 $8266 \approx \underline{\hspace{2cm}}$

6 $1671 \approx \underline{\hspace{2cm}}$

7 $5111 \approx \underline{\hspace{2cm}}$

8 $7828 \approx \underline{\hspace{2cm}}$

9 $9275 \approx \underline{\hspace{2cm}}$

10 $5107 \approx \underline{\hspace{2cm}}$

11 $9076 \approx \underline{\hspace{2cm}}$

12 $1298 \approx \underline{\hspace{2cm}}$

13 $9372 \approx \underline{\hspace{2cm}}$

14 $4264 \approx \underline{\hspace{2cm}}$

15 $7881 \approx \underline{\hspace{2cm}}$

16 $494 \approx \underline{\hspace{2cm}}$

17 $6591 \approx \underline{\hspace{2cm}}$

18 $3507 \approx \underline{\hspace{2cm}}$

19 $7742 \approx \underline{\hspace{2cm}}$

20 $9537 \approx \underline{\hspace{2cm}}$

21 $569 \approx \underline{\hspace{2cm}}$

22 $2337 \approx \underline{\hspace{2cm}}$

23 $6189 \approx \underline{\hspace{2cm}}$

24 $6050 \approx \underline{\hspace{2cm}}$

25 $2588 \approx \underline{\hspace{2cm}}$

26 $7472 \approx \underline{\hspace{2cm}}$

27 $6655 \approx \underline{\hspace{2cm}}$

28 $1772 \approx \underline{\hspace{2cm}}$

29 $1083 \approx \underline{\hspace{2cm}}$

30 $2729 \approx \underline{\hspace{2cm}}$



Rounding — To the nearest 1000

Name: _____

Date: _____

1 $13744 \approx \underline{14000}$

2 $47016 \approx \underline{\hspace{2cm}}$

3 $70860 \approx \underline{\hspace{2cm}}$

4 $35858 \approx \underline{\hspace{2cm}}$

5 $7089 \approx \underline{\hspace{2cm}}$

6 $38235 \approx \underline{\hspace{2cm}}$

7 $63888 \approx \underline{\hspace{2cm}}$

8 $97053 \approx \underline{\hspace{2cm}}$

9 $36623 \approx \underline{\hspace{2cm}}$

10 $64560 \approx \underline{\hspace{2cm}}$

11 $2794 \approx \underline{\hspace{2cm}}$

12 $26493 \approx \underline{\hspace{2cm}}$

13 $49917 \approx \underline{\hspace{2cm}}$

14 $7806 \approx \underline{\hspace{2cm}}$

15 $5951 \approx \underline{\hspace{2cm}}$

16 $11087 \approx \underline{\hspace{2cm}}$

17 $62482 \approx \underline{\hspace{2cm}}$

18 $83429 \approx \underline{\hspace{2cm}}$

19 $38537 \approx \underline{\hspace{2cm}}$

20 $70292 \approx \underline{\hspace{2cm}}$

21 $52442 \approx \underline{\hspace{2cm}}$

22 $90050 \approx \underline{\hspace{2cm}}$

23 $7856 \approx \underline{\hspace{2cm}}$

24 $50190 \approx \underline{\hspace{2cm}}$

25 $28629 \approx \underline{\hspace{2cm}}$

26 $44267 \approx \underline{\hspace{2cm}}$

27 $44542 \approx \underline{\hspace{2cm}}$

28 $24366 \approx \underline{\hspace{2cm}}$

29 $8182 \approx \underline{\hspace{2cm}}$

30 $21586 \approx \underline{\hspace{2cm}}$



Estimating — To the nearest ten

Name: _____

Date: _____

1 $133 + 312 \approx \underline{440}$

2 $126 + 609 \approx \underline{\hspace{2cm}}$

3 $119 + 411 \approx \underline{\hspace{2cm}}$

4 $147 + 796 \approx \underline{\hspace{2cm}}$

5 $119 + 191 \approx \underline{\hspace{2cm}}$

6 $105 + 136 \approx \underline{\hspace{2cm}}$

7 $112 + 224 \approx \underline{\hspace{2cm}}$

8 $105 + 884 \approx \underline{\hspace{2cm}}$

9 $126 + 807 \approx \underline{\hspace{2cm}}$

10 $105 + 257 \approx \underline{\hspace{2cm}}$

11 $119 + 488 \approx \underline{\hspace{2cm}}$

12 $147 + 213 \approx \underline{\hspace{2cm}}$

13 $133 + 741 \approx \underline{\hspace{2cm}}$

14 $154 + 169 \approx \underline{\hspace{2cm}}$

15 $133 + 444 \approx \underline{\hspace{2cm}}$

16 $112 + 961 \approx \underline{\hspace{2cm}}$

17 $161 + 191 \approx \underline{\hspace{2cm}}$

18 $133 + 191 \approx \underline{\hspace{2cm}}$

19 $154 + 939 \approx \underline{\hspace{2cm}}$

20 $112 + 807 \approx \underline{\hspace{2cm}}$

21 $126 + 675 \approx \underline{\hspace{2cm}}$

22 $154 + 752 \approx \underline{\hspace{2cm}}$

23 $126 + 345 \approx \underline{\hspace{2cm}}$

24 $147 + 334 \approx \underline{\hspace{2cm}}$

25 $133 + 829 \approx \underline{\hspace{2cm}}$

26 $147 + 158 \approx \underline{\hspace{2cm}}$

27 $133 + 334 \approx \underline{\hspace{2cm}}$

28 $133 + 202 \approx \underline{\hspace{2cm}}$

29 $147 + 598 \approx \underline{\hspace{2cm}}$

30 $161 + 609 \approx \underline{\hspace{2cm}}$



Estimating — To the nearest ten

Name: _____

Date: _____

1 $252 - 235 \approx \underline{10}$

2 $322 - 213 \approx \underline{\hspace{1cm}}$

3 $434 - 257 \approx \underline{\hspace{1cm}}$

4 $427 - 279 \approx \underline{\hspace{1cm}}$

5 $266 - 213 \approx \underline{\hspace{1cm}}$

6 $441 - 136 \approx \underline{\hspace{1cm}}$

7 $357 - 202 \approx \underline{\hspace{1cm}}$

8 $238 - 158 \approx \underline{\hspace{1cm}}$

9 $168 - 147 \approx \underline{\hspace{1cm}}$

10 $378 - 246 \approx \underline{\hspace{1cm}}$

11 $357 - 169 \approx \underline{\hspace{1cm}}$

12 $413 - 334 \approx \underline{\hspace{1cm}}$

13 $301 - 202 \approx \underline{\hspace{1cm}}$

14 $371 - 202 \approx \underline{\hspace{1cm}}$

15 $196 - 169 \approx \underline{\hspace{1cm}}$

16 $315 - 169 \approx \underline{\hspace{1cm}}$

17 $399 - 356 \approx \underline{\hspace{1cm}}$

18 $413 - 103 \approx \underline{\hspace{1cm}}$

19 $301 - 279 \approx \underline{\hspace{1cm}}$

20 $392 - 103 \approx \underline{\hspace{1cm}}$

21 $273 - 213 \approx \underline{\hspace{1cm}}$

22 $329 - 125 \approx \underline{\hspace{1cm}}$

23 $392 - 301 \approx \underline{\hspace{1cm}}$

24 $434 - 411 \approx \underline{\hspace{1cm}}$

25 $196 - 147 \approx \underline{\hspace{1cm}}$

26 $434 - 169 \approx \underline{\hspace{1cm}}$

27 $266 - 191 \approx \underline{\hspace{1cm}}$

28 $322 - 257 \approx \underline{\hspace{1cm}}$

29 $196 - 114 \approx \underline{\hspace{1cm}}$

30 $434 - 301 \approx \underline{\hspace{1cm}}$



Estimating — To the nearest ten

Name: _____

Date: _____

1 $17 \times 95 \approx \underline{2000}$

2 $41 \times 53 \approx \underline{\hspace{2cm}}$

3 $14 \times 32 \approx \underline{\hspace{2cm}}$

4 $83 \times 11 \approx \underline{\hspace{2cm}}$

5 $32 \times 81 \approx \underline{\hspace{2cm}}$

6 $92 \times 39 \approx \underline{\hspace{2cm}}$

7 $98 \times 39 \approx \underline{\hspace{2cm}}$

8 $74 \times 88 \approx \underline{\hspace{2cm}}$

9 $11 \times 18 \approx \underline{\hspace{2cm}}$

10 $89 \times 67 \approx \underline{\hspace{2cm}}$

11 $83 \times 53 \approx \underline{\hspace{2cm}}$

12 $86 \times 11 \approx \underline{\hspace{2cm}}$

13 $92 \times 81 \approx \underline{\hspace{2cm}}$

14 $11 \times 46 \approx \underline{\hspace{2cm}}$

15 $74 \times 74 \approx \underline{\hspace{2cm}}$

16 $14 \times 95 \approx \underline{\hspace{2cm}}$

17 $14 \times 53 \approx \underline{\hspace{2cm}}$

18 $38 \times 18 \approx \underline{\hspace{2cm}}$

19 $47 \times 67 \approx \underline{\hspace{2cm}}$

20 $23 \times 18 \approx \underline{\hspace{2cm}}$

21 $47 \times 18 \approx \underline{\hspace{2cm}}$

22 $29 \times 81 \approx \underline{\hspace{2cm}}$

23 $35 \times 32 \approx \underline{\hspace{2cm}}$

24 $26 \times 81 \approx \underline{\hspace{2cm}}$

25 $23 \times 53 \approx \underline{\hspace{2cm}}$

26 $38 \times 46 \approx \underline{\hspace{2cm}}$

27 $86 \times 88 \approx \underline{\hspace{2cm}}$

28 $29 \times 39 \approx \underline{\hspace{2cm}}$

29 $26 \times 67 \approx \underline{\hspace{2cm}}$

30 $44 \times 11 \approx \underline{\hspace{2cm}}$



Power Pack · Rounding and estimating drill — Answer key

To the nearest ten

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 1. 616 $\approx$ 620 | 2. 999 $\approx$ 1000 | 3. 814 $\approx$ 810 | 4. 659 $\approx$ 660 |
| 5. 242 $\approx$ 240 | 6. 265 $\approx$ 270 | 7. 66 $\approx$ 70 | 8. 929 $\approx$ 930 |
| 9. 567 $\approx$ 570 | 10. 149 $\approx$ 150 | 11. 311 $\approx$ 310 | 12. 732 $\approx$ 730 |
| 13. 463 $\approx$ 460 | 14. 568 $\approx$ 570 | 15. 443 $\approx$ 440 | 16. 846 $\approx$ 850 |
| 17. 758 $\approx$ 760 | 18. 675 $\approx$ 680 | 19. 422 $\approx$ 420 | 20. 768 $\approx$ 770 |
| 21. 857 $\approx$ 860 | 22. 771 $\approx$ 770 | 23. 87 $\approx$ 90 | 24. 357 $\approx$ 360 |
| 25. 229 $\approx$ 230 | 26. 237 $\approx$ 240 | 27. 78 $\approx$ 80 | 28. 669 $\approx$ 670 |
| 29. 695 $\approx$ 700 | 30. 877 $\approx$ 880 | | |

To the nearest hundred

- | | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. 3509 $\approx$ 3500 | 2. 9644 $\approx$ 9600 | 3. 4282 $\approx$ 4300 | 4. 8075 $\approx$ 8100 |
| 5. 8266 $\approx$ 8300 | 6. 1671 $\approx$ 1700 | 7. 5111 $\approx$ 5100 | 8. 7828 $\approx$ 7800 |
| 9. 9275 $\approx$ 9300 | 10. 5107 $\approx$ 5100 | 11. 9076 $\approx$ 9100 | 12. 1298 $\approx$ 1300 |
| 13. 9372 $\approx$ 9400 | 14. 4264 $\approx$ 4300 | 15. 7881 $\approx$ 7900 | 16. 494 $\approx$ 500 |
| 17. 6591 $\approx$ 6600 | 18. 3507 $\approx$ 3500 | 19. 7742 $\approx$ 7700 | 20. 9537 $\approx$ 9500 |
| 21. 569 $\approx$ 600 | 22. 2337 $\approx$ 2300 | 23. 6189 $\approx$ 6200 | 24. 6050 $\approx$ 6100 |
| 25. 2588 $\approx$ 2600 | 26. 7472 $\approx$ 7500 | 27. 6655 $\approx$ 6700 | 28. 1772 $\approx$ 1800 |
| 29. 1083 $\approx$ 1100 | 30. 2729 $\approx$ 2700 | | |

To the nearest thousand

- | | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|
| 1. 13744 $\approx$ 14000 | 2. 47016 $\approx$ 47000 | 3. 70860 $\approx$ 71000 | 4. 35858 $\approx$ 36000 |
| 5. 7089 $\approx$ 7000 | 6. 38235 $\approx$ 38000 | 7. 63888 $\approx$ 64000 | 8. 97053 $\approx$ 97000 |
| 9. 36623 $\approx$ 37000 | 10. 64560 $\approx$ 65000 | 11. 2794 $\approx$ 3000 | 12. 26493 $\approx$ 26000 |
| 13. 49917 $\approx$ 50000 | 14. 7806 $\approx$ 8000 | 15. 5951 $\approx$ 6000 | 16. 11087 $\approx$ 11000 |
| 17. 62482 $\approx$ 62000 | 18. 83429 $\approx$ 83000 | 19. 38537 $\approx$ 39000 | 20. 70292 $\approx$ 70000 |
| 21. 52442 $\approx$ 52000 | 22. 90050 $\approx$ 90000 | 23. 7856 $\approx$ 8000 | 24. 50190 $\approx$ 50000 |

Power Pack · Rounding and estimating drill — Answer key

To the nearest thousand

25. $28629 \approx 29000$

26. $44267 \approx 44000$

27. $44542 \approx 45000$

28. $24366 \approx 24000$

29. $8182 \approx 8000$

30. $21586 \approx 22000$

Estimating sums

1. $133 + 312 \approx 130 + 310 = 440$

2. $126 + 609 \approx 130 + 610 = 740$

3. $119 + 411 \approx 120 + 410 = 530$

4. $147 + 796 \approx 150 + 800 = 950$

5. $119 + 191 \approx 120 + 190 = 310$

6. $105 + 136 \approx 110 + 140 = 250$

7. $112 + 224 \approx 110 + 220 = 330$

8. $105 + 884 \approx 110 + 880 = 990$

9. $126 + 807 \approx 130 + 810 = 940$

10. $105 + 257 \approx 110 + 260 = 370$

11. $119 + 488 \approx 120 + 490 = 610$

12. $147 + 213 \approx 150 + 210 = 360$

13. $133 + 741 \approx 130 + 740 = 870$

14. $154 + 169 \approx 150 + 170 = 320$

15. $133 + 444 \approx 130 + 440 = 570$

16. $112 + 961 \approx 110 + 960 = 1070$

17. $161 + 191 \approx 160 + 190 = 350$

18. $133 + 191 \approx 130 + 190 = 320$

19. $154 + 939 \approx 150 + 940 = 1090$

20. $112 + 807 \approx 110 + 810 = 920$

21. $126 + 675 \approx 130 + 680 = 810$

22. $154 + 752 \approx 150 + 750 = 900$

23. $126 + 345 \approx 130 + 350 = 480$

24. $147 + 334 \approx 150 + 330 = 480$

25. $133 + 829 \approx 130 + 830 = 960$

26. $147 + 158 \approx 150 + 160 = 310$

27. $133 + 334 \approx 130 + 330 = 460$

28. $133 + 202 \approx 130 + 200 = 330$

29. $147 + 598 \approx 150 + 600 = 750$

30. $161 + 609 \approx 160 + 610 = 770$

Estimating differences

1. $252 - 235 \approx 250 - 240 = 10$

2. $322 - 213 \approx 320 - 210 = 110$

3. $434 - 257 \approx 430 - 260 = 170$

4. $427 - 279 \approx 430 - 280 = 150$

5. $266 - 213 \approx 270 - 210 = 60$

6. $441 - 136 \approx 440 - 140 = 300$

7. $357 - 202 \approx 360 - 200 = 160$

8. $238 - 158 \approx 240 - 160 = 80$

9. $168 - 147 \approx 170 - 150 = 20$

10. $378 - 246 \approx 380 - 250 = 130$

11. $357 - 169 \approx 360 - 170 = 190$

12. $413 - 334 \approx 410 - 330 = 80$

13. $301 - 202 \approx 300 - 200 = 100$

14. $371 - 202 \approx 370 - 200 = 170$

15. $196 - 169 \approx 200 - 170 = 30$

16. $315 - 169 \approx 320 - 170 = 150$

Power Pack · Rounding and estimating drill — Answer key

Estimating differences

17. $399 - 356 \approx 400 - 360$
 $= 40$

18. $413 - 103 \approx 410 - 100$
 $= 310$

19. $301 - 279 \approx 300 - 280$
 $= 20$

20. $392 - 103 \approx 390 - 100$
 $= 290$

21. $273 - 213 \approx 270 - 210$
 $= 60$

22. $329 - 125 \approx 330 - 130$
 $= 200$

23. $392 - 301 \approx 390 - 300$
 $= 90$

24. $434 - 411 \approx 430 - 410$
 $= 20$

25. $196 - 147 \approx 200 - 150$
 $= 50$

26. $434 - 169 \approx 430 - 170$
 $= 260$

27. $266 - 191 \approx 270 - 190$
 $= 80$

28. $322 - 257 \approx 320 - 260$
 $= 60$

29. $196 - 114 \approx 200 - 110$
 $= 90$

30. $434 - 301 \approx 430 - 300$
 $= 130$

Estimating products

1. $17 \times 95 \approx 20 \times 100 =$
 2000

2. $41 \times 53 \approx 40 \times 50 = 2000$

3. $14 \times 32 \approx 10 \times 30 = 300$

4. $83 \times 11 \approx 80 \times 10 = 800$

5. $32 \times 81 \approx 30 \times 80 = 2400$

6. $92 \times 39 \approx 90 \times 40 = 3600$

7. $98 \times 39 \approx 100 \times 40 =$
 4000

8. $74 \times 88 \approx 70 \times 90 = 6300$

9. $11 \times 18 \approx 10 \times 20 = 200$

10. $89 \times 67 \approx 90 \times 70 =$
 6300

11. $83 \times 53 \approx 80 \times 50 =$
 4000

12. $86 \times 11 \approx 90 \times 10 = 900$

13. $92 \times 81 \approx 90 \times 80 =$
 7200

14. $11 \times 46 \approx 10 \times 50 = 500$

15. $74 \times 74 \approx 70 \times 70 =$
 4900

16. $14 \times 95 \approx 10 \times 100 =$
 1000

17. $14 \times 53 \approx 10 \times 50 = 500$

18. $38 \times 18 \approx 40 \times 20 = 800$

19. $47 \times 67 \approx 50 \times 70 =$
 3500

20. $23 \times 18 \approx 20 \times 20 = 400$

21. $47 \times 18 \approx 50 \times 20 =$
 1000

22. $29 \times 81 \approx 30 \times 80 =$
 2400

23. $35 \times 32 \approx 40 \times 30 =$
 1200

24. $26 \times 81 \approx 30 \times 80 =$
 2400

25. $23 \times 53 \approx 20 \times 50 =$
 1000

26. $38 \times 46 \approx 40 \times 50 =$
 2000

27. $86 \times 88 \approx 90 \times 90 =$
 8100

28. $29 \times 39 \approx 30 \times 40 =$
 1200

29. $26 \times 67 \approx 30 \times 70 =$
 2100

30. $44 \times 11 \approx 40 \times 10 = 400$